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OREGON

ECONOMIC DEVELOPMENT DEPARTMENT

OREGON: A STATISTICAL PROFILE

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Gross State Product, Oregon

International Trade Statistics, Oregon

Tourism Statistics, Oregon

OREGON: A STATISTICAL PROFILE

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INTRODUCTION

This report was compiled by the Business Information Division of the Oregon Economic Development Department. It provides a statistical and economic profile of the State of Oregon.

The report summarizes the economic trends of the last twenty-three years and presents aggregate economic data for the state and for the counties, giving a comparison of relative economic performance.

Data provided in this report were accumulated from a number of federal and state agencies. Published data are continually being revised, and methodologies change periodically. Each revision has been indicated on the relevant charts. Due to revisions, data are sometimes not comparable. However, whenever possible, the Oregon Economic Development Department has estimated the impact of such changes to provide the reader with consistent data.

For comments, suggestions or questions about this profile, please call (503) 373-1200.

SUMMARY OF THE OREGON ECONOMY

Oregon is rich in natural resources: timber, water, and arable land. Resource-based industries like lumber and wood products and food processing have traditionally dominated manufacturing employment–and still do, though to a lesser extent.

Economic diversification became noticeable during the sixties and seventies. Although lumber and wood products employment grew in real terms, its share of the total manufacturing picture gave way to industries newer to Oregon like metals and high-technology.*

In 1960, lumber and wood products comprised nearly 50 percent of all manufacturing employment. Food processing accounted for 15 percent, high-technology 6.7 percent, and metals 7.4 percent.

By 1980, lumber and wood products' share of manufacturing employment had slipped to 32 percent, and food processing's to 11 percent. High-technology's share had grown to 22 percent, and metals' to 11 percent. Oregon was well on its way to orderly economic diversification.

The late 1970s was a period of economic boom in Oregon. Housing was an attractive investment and in high demand across the nation. This condition had a direct effect on employment in Oregon, the nation's leading supplier of softwood lumber and plywood for the housing industry. Lumber and wood products employment in Oregon swelled to over 80,000 by 1979.

Part of the attractiveness of housing as an investment in the late seventies stemmed from the fact that interest rates were the same as or lower than inflation rates, making the real cost of borrowed money near zero. After futile attempts to control inflation by other means, the Federal Reserve Board took a new tack: the amount of funds available for banks to loan was restricted. At the same time, banking deregulation began, and banks were allowed to set their own lending rates. Interest rates soon exceeded 20 percent, and the effect on Oregon's wood products industry was immediate. Before long, all Oregon industries slumped.

The state's economy hit a tailspin that lasted from 1980 until early 1983. It was the deepest and longest recession in Oregon since the 1930s. Comparing average employment figures for 1979 to those of 1982:

Lumber and wood products fell by 25,600 or 32 percent

Primary metals fell by 3,000 or 27 percent

Fabricated metals fell by 3,900 or 28 percent

Transportation equipment fell by 4,300 or 35 percent

Construction fell by 24,100 or 45 percent.

Of Oregon's major industries, only the high-technology group escaped devastation, losing only about 2 percent of total employment during the period.

Lack of job opportunities left many Oregonians with no choice but to leave the state. Oregon lost 65,000 residents through out-migration between 1980 and 1983.

Throughout 1983 and 1984, most of Oregon's major industries recovered, though none to their 1979 levels of employment. Average employment in lumber and wood products, for example, reached 62,000 in 1983–a substantial improvement over the 55,000 of 1982, but well below the 1979 level of 81,000.

Oregon's wood products industry is restructuring in the face of Canadian imports and southern competition. Permanent layoffs and mill closures occurred throughout 1984. The mills that survive are more automated and productive, and new markets for their products are being explored.

Oregon in 1984 has also had its share of good economic news. The state has made headlines around the nation as a growing center for the electronics industry. Foreign high-technology firms like NEC, Fujitsu, Epson, and Wacker Siltronic have made commitments to build or expand in Oregon. And American high-tech giants like National Semiconductor have announced plans for manufacturing plants in the state.

Lumber and wood products will continue to be Oregon's leading manufacturing employer for years to come, but its dominance in the state's economy will wane. Recent projections by the Oregon Employment Division show lumber and wood products employing about 69,000 in 1990, and the high technology industries running a close second with 63,000. Metals, food, and other industries will continue to add diversity to Oregon's product mix.

Economic diversification has been a goal in Oregon for many years. Now, in the mid-1980s, it is close to becoming a reality.

*Throughout this report, "high-technology" is defined as the combination of SIC groups 35 (machinery except electrical), 36 (electrical equipment and supplies), and 38 (instruments and related products).

TRANSPORTATION AND ENERGY

Oregon has a comprehensive and diversified transportation system. There are over 115,000 miles of roads and highways; the most heavily traveled are the two interstate routes: I-5 which runs north-south through western Oregon, linking the state with Washington and California, and I-84 which runs east-west along the Columbia River to Idaho and points east. Using these highways, cities as distant as Boise, San Francisco and Vancouver, Canada have "next-morning" truck service from Portland. The state is served by 63 buslines, 382 common carriers, and 168 contract carriers, not including haulers of logs or sand and gravel.

Oregon has three major railroad systems–Burlington Northern, Southern Pacific and Union Pacific–and eleven shortline railroads. There are 3,100 miles of railroad track.

Waterborne commerce is handled through 23 ports, 6 of which are on the Columbia River upstream of the head of deep-draft navigation. In addition to its Pacific coastline, Oregon has 475 miles of federally-maintained waterway. The hub of Oregon's maritime trade is the Port of Portland, the leading export center on the Pacific coast in terms of both volume and value of cargo.

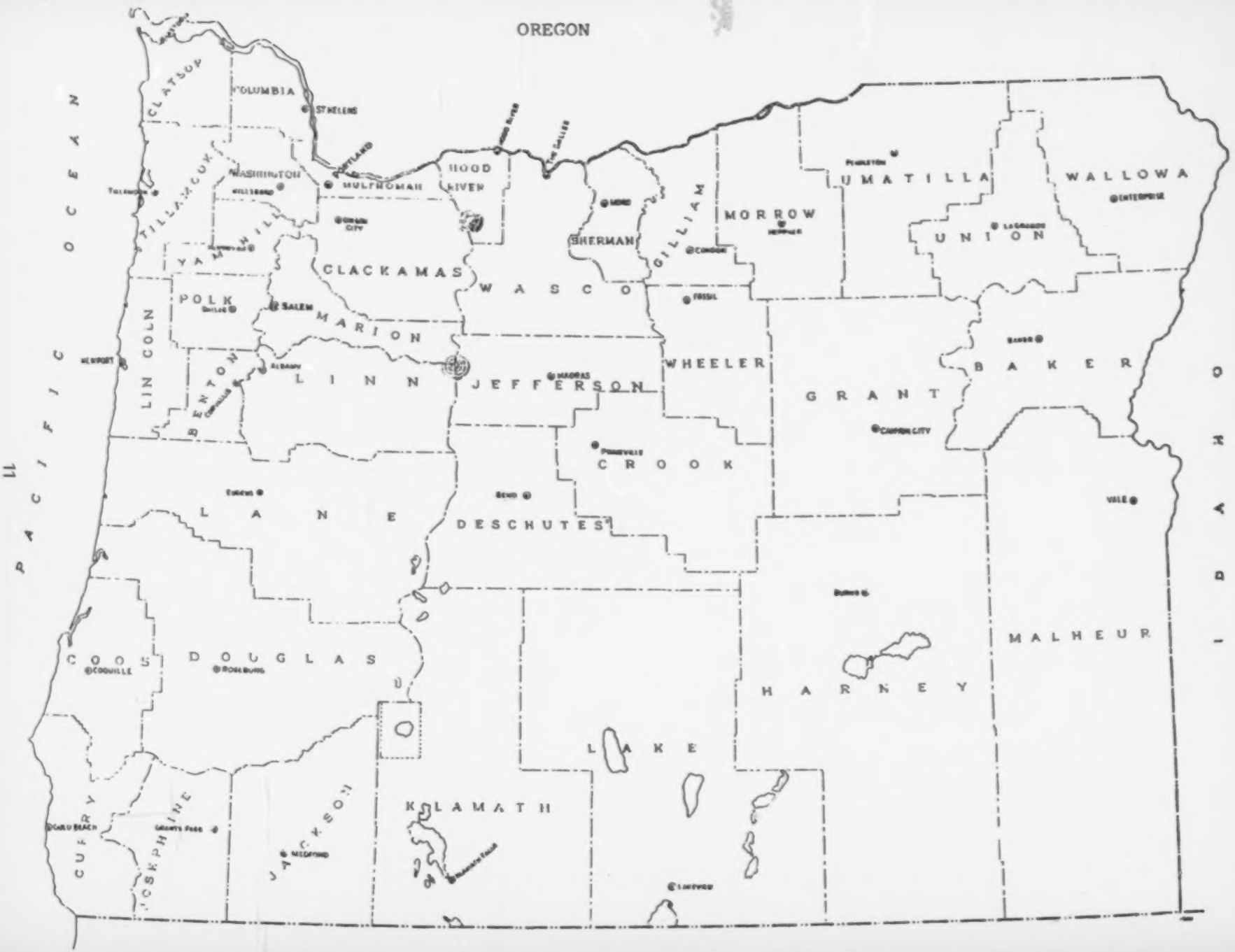
Eight Oregon cities are served by regularly scheduled commercial flights. Another 27 cities have general aviation airports. Portland International Airport (PDX) is served by 14 major commercial airlines, 11 all-cargo lines and several commuter flights. Scheduled airlines average 350 arrivals/departures daily. Portland has direct air passenger service to over 81 cities. In 1983 4.5 million passengers and 53,000 tons of air cargo were handled through Portland.

Oregon has abundant supplies of reasonably priced energy, through its hydroelectric, nuclear and thermal-powered generating facilities. Electricity rates are among the lowest in the nation, due primarily to the abundance of inexpensive hydro power.

Most of the state is served by 1,178 miles of natural gas transmission line and 8,757 miles of distribution mains in Oregon. However, the south-central part of the state does not have natural gas available. Most of the gas consumed in Oregon is imported from Canada. Consumption in 1982 was 69.9 billion cubic feet.

Oregon is served by 408 miles of petroleum pipeline. In 1982 the state used 65.2 million barrels. The Alaskan North Slope is rapidly becoming the chief source of supply for Oregon.

Oregon is a national leader in the use of non-traditional and renewable energy resources. For example, 12 known geothermal resource areas have been identified, and are being developed.


OREGON
PACIFIC OCEAN
CLATSOP
COLUMBIA
ST HELENS
TILLAMOOK
WASHINGTON
MULTNOMAH
PORTLAND
HOOD RIVER
THE DALLES
SHERMAN
GILLIAM
MORROW
UMATILLA
WALLOWA
UNION
ENTERPRISE
LA GRANDE
YAMHILL
CLACKAMAS
WASCO
POLK
SALEM
MARION
LINCOLN
NEWPORT
BENTON
ALBANY
LINN
JEFFERSON
MADRAS
WHEELER
FOSSIL
GRANT
BAKER
CANYON CITY
PRINEVILLE
CROOK
EUGENE
LANE
BEND
DESCHUTES
VALE
MALHEUR
HARNEY
BURNS
COOS
COQUILLE
DOUGLAS
ROSEBURG
CURRY
GOLD BEACH
JOSEPHINE
GRANTS PASS
JACKSON
MEDFORD
KLAMATH
KLAMATH FALLS
LAKE
LAKEVIEW
IDAHO

PART ONE

1. Population
2. Labor Force and Employment
3. Output
4. Income

CHAPTER ONE

POPULATION

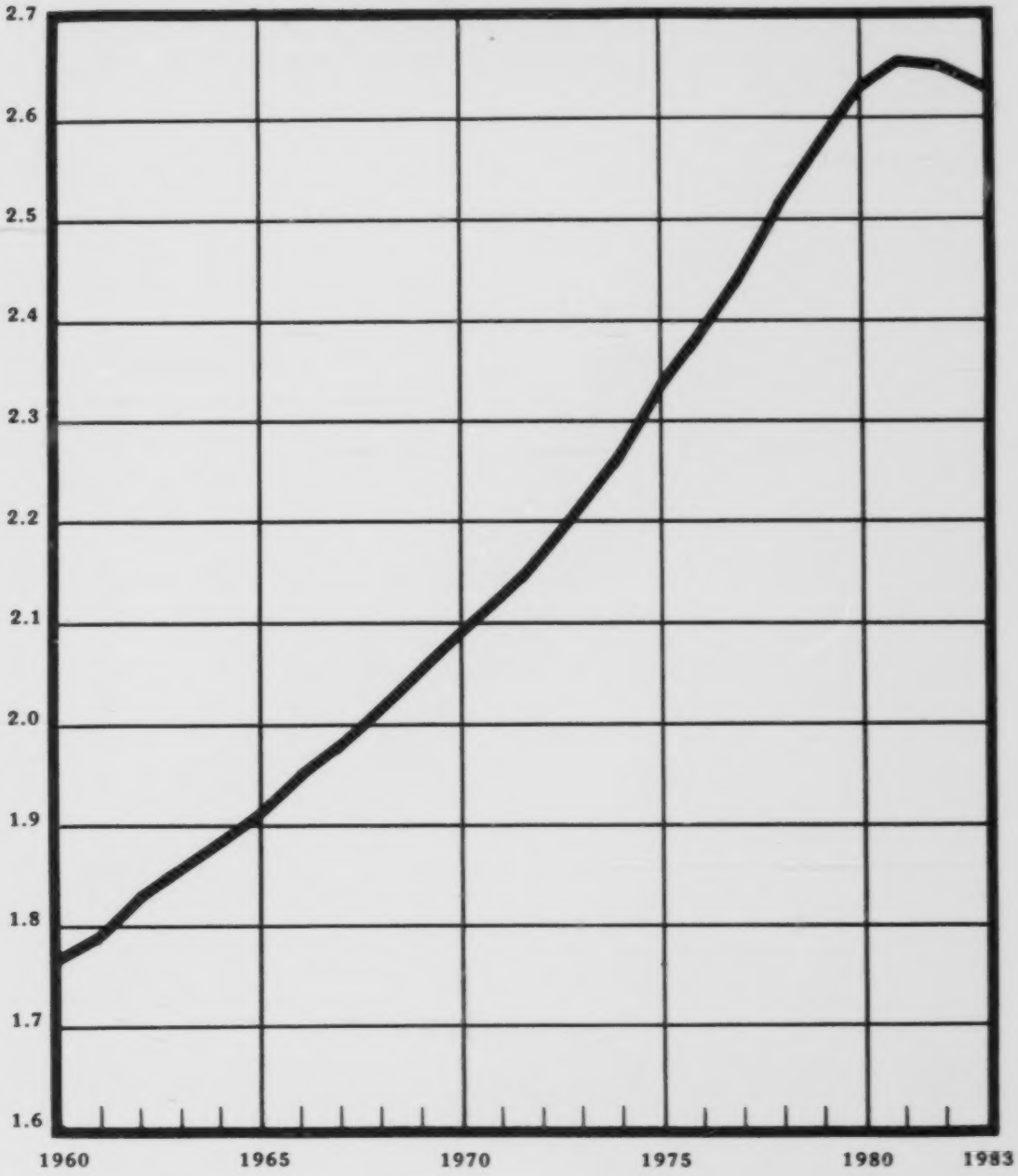
Oregon's population increased by 18 percent during the sixties, from 1,768,687 in 1960 to 2,091,533 in 1970.

Between 1970 and 1980, Oregon's population increased by 25.9 percent to 2,633,156. Over 70 percent of population growth during the seventies was due to in-migration.

Since 1981, Oregon's population has declined due to out-migration. The state's 1983 population was 2,635,000, a decline of nearly 26,000 from 1981's high of 2,660,735. Preliminary data show that Oregon's population is increasing during 1984.

POPULATION 1960 -1983

In Millions



OREGON POPULATION AND COMPONENTS OF CHANGE, 1960-1983

Year	Population	Change from Previous Year	Natural Increase	Net Migration
1960	1,768,687	—	—	—
1965	1,912,000	28,000	14,800	13,200
1966	1,947,200	35,200	13,500	21,700
1967	1,980,000	32,800	12,500	20,300
1968	2,018,900	38,900	13,100	25,800
1969	2,057,000	38,100	14,300	23,800
1970	2,091,533	34,533	11,900	22,633
1971	2,129,900	38,367	19,200	19,167
1972	2,167,000	37,100	11,800	25,300
1973	2,217,600	50,600	10,500	40,100
1974	2,271,900	54,300	10,900	43,400
1975	2,326,200	54,300	12,700	41,600
1976	2,386,700	60,500	13,600	46,900
1977	2,451,900	65,200	16,300	48,900
1978	2,521,900	70,000	17,100	52,900
1979	2,584,300	62,400	19,800	42,600
1980	2,633,156	48,856	15,000	33,856
1981	2,660,735	27,579	27,161	418
1982	2,656,185	– 4,550	20,713	–25,263
1983	2,635,000	–21,185	18,741	–39,926

Sources: For 1970 and 1980, U.S. Department of Commerce, Bureau of the Census.
For other years, Portland State University, Center for Population Research and Census.

Oregon's population is forecast to increase by 9.5 percent between 1980 and 1990. More than 75 percent of this projected growth is expected to come from natural increase (births minus deaths).[1]

1970-1983
OREGON POPULATION ESTIMATES BY COUNTY
With overall percent changes

	1970	1980	1983	Percent Change 1970-1980	Percent Change 1980-1983
Oregon	2,091,533	2,633,156	2,635,000	25.9%	0.1%
Baker	14,919	16,134	16,150	8.1	0.1
Benton	53,776	68,211	68,100	26.8	–0.2
Clackamas	166,088	241,911	243,600	45.7	0.7
Clatsop	28,473	32,489	32,750	14.1	0.8
Columbia	28,790	35,646	36,000	23.8	1.0
Coos	56,515	64,047	61,450	13.3	–4.1
Crook	9,985	13,091	12,950	31.1	–1.1
Curry	13,006	16,992	17,400	30.6	2.4
Deschutes	30,442	62,142	63,300	104.1	1.9
Douglas	71,743	93,748	90,400	30.7	–3.6
Gilliam	2,246	2,057	1,970	–8.4	–4.2
Grant	7,092	8,210	8,000	15.8	–2.6
Harney	7,215	8,314	7,250	15.2	–12.8
Hood River	13,187	15,835	16,200	20.1	2.3
Jackson	94,533	132,456	133,350	40.1	0.7
Jefferson	8,548	11,599	12,050	35.7	3.9
Josephine	35,746	58,855	59,250	64.6	0.7
Klamath	50,021	59,117	58,350	18.2	–1.3
Lake	6,343	7,532	7,500	18.7	–0.4
Lane	213,358	275,226	267,900	29.0	–2.7
Lincoln	25,755	35,264	36,750	36.9	4.2
Linn	71,914	89,495	89,350	24.4	–0.2
Malheur	23,169	26,896	27,000	16.1	0.4
Marion	151,309	204,692	205,900	35.3	0.6
Morrow	4,465	7,519	7,275	68.4	–3.2
Multnomah	556,667	562,647	557,500	1.1	–0.9
Polk	35,349	45,203	44,550	27.9	–1.4
Sherman	2,159	2,172	2,200	0.6	1.3
Tillamook	17,910	21,164	21,500	18.2	1.6
Umatilla	44,923	58,861	60,100	31.0	2.1
Union	19,377	23,921	24,200	23.5	1.2
Wallowa	6,247	7,273	7,330	16.4	0.8
Wasco	20,133	21,732	22,400	7.9	3.1
Washington	157,920	245,860	257,400	55.7	4.7
Wheeler	1,743	1,513	1,425	–13.2	–5.8
Yamhill	40,319	55,332	56,200	37.2	1.6

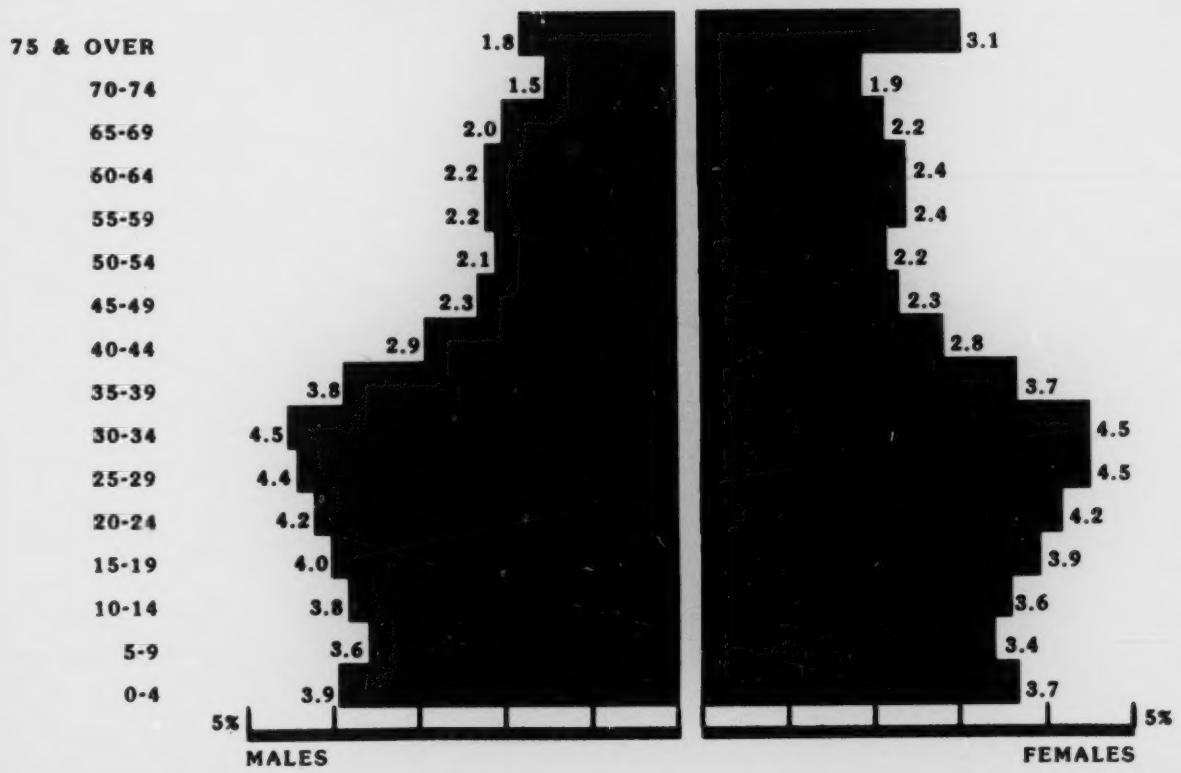
Source: For 1970 and 1980, U.S. Department of Commerce, Bureau of the Census.
For 1983, Portland State University, Center for Population Research and Census.

ESTIMATED 1983 OREGON POPULATION DISTRIBUTION

Age	Male	Female	Total
0- 4	102,231	98,271	200,502
5- 9	95,121	89,980	185,101
10-14	99,869	95,437	195,306
15-19	106,267	102,116	208,383
20-24	110,629	110,473	221,102
25-29	115,627	118,323	233,950
30-34	118,621	117,831	236,452
35-39	99,538	98,250	197,788
40-44	75,798	75,071	150,869
45-49	59,704	60,094	119,798
50-54	55,279	58,428	113,707
55-59	57,032	62,464	119,496
60-64	56,925	64,182	121,107
65-69	51,386	59,056	110,442
70-74	40,321	49,740	90,061
75 +	48,363	82,566	130,929

Source: *Estimated 5 Year Age Groups by Sex, 1983–Oregon and Its Counties*, Portland State University, Center for Population Research and Census, August 1984.

1983 POPULATION DISTRIBUTION



CHAPTER TWO

LABOR FORCE AND EMPLOYMENT

Oregon has a well-educated labor force. According to the 1980 Census, 75.6 percent of all Oregonians over age 25 had completed high school, and 17.9 percent of the same group had completed at least four years of college. Comparing these figures to other states, Oregon ranks sixth in the nation in percentage of high-school graduates, and 14th in percentage of college graduates.[2]

LABOR FORCE

Oregon's 1983 labor force was 1,337,000, a 55 percent increase over the 1970 level of 864,500.

WAGE & SALARY EMPLOYMENT

Oregon's non-agricultural wage and salary employment grew nearly 50 percent from its 1970 level of 709,200, to its peak in 1979 at 1,056,200. With the onset of the recession in 1980, wage and salary employment began to fall until bottoming-out in 1982 at 960,800. The recovery brought a modest increase to 963,600 in 1983. Throughout 1984, wage and salary employment has continued to show moderate improvement.

MANUFACTURING

Manufacturing employment increased 25 percent during the seventies, from 172,300 in 1970 to 215,100 in 1980.

Oregon's dependence on lumber and wood products is diminishing. The table on page 33 shows how other industries like high-technology, metals, and transportation equipment became increasingly important to Oregon's economy during the 1960s and 1970s. For example, lumber and wood products comprised nearly half of all manufacturing employment in 1960. By 1980, this share had fallen to 32 percent. During the same period, high-technology employment grew from 6.7 percent of manufacturing employment to 21.8 percent.

The recession of the early 1980s was a major setback to most Oregon manufacturing industries. Manufacturing employment declined by nearly 19 percent from its 1979 high of 228,500 to a 1982 low of 185,700. Lumber and wood products employment alone declined by nearly 26,000 jobs during this period. Other manufacturing industries hard-hit by the recession were metals and transportation equipment.

Manufacturing employment began to recover in 1983, with average employment for the year increasing to 187,000. Employment figures improved moderately throughout 1984.

NON-MANUFACTURING

Non-manufacturing employment grew steadily during the 1970s, increasing from 536,900 in 1970 to 829,500 in 1980.

The recession also made its mark on non-manufacturing employment. By 1982, the number of non-manufacturing jobs had declined from the 1980 high to 775,100, a loss of 54,400 jobs. Employment figures improved during 1983 to 776,600, and have continued to grow during 1984.

The recession devastated employment in construction more than any other Oregon industry. Between 1979 and 1982, 24,100 or 45 percent of all construction jobs were lost. While other industries showed improvement in 1983, construction employment continued to decline. 1984 has brought slight improvement to the industry, mostly as a result of increased public works spending.

LABOR FORCE PROJECTIONS

The Oregon Employment Division has forecast the creation of 198,100 jobs between 1982 and 1990. Three-quarters of these jobs will be in the non-manufacturing sector, and nearly half will be in services and trade.

Using Oregon's peak employment year of 1979 as a base, the Employment Division has forecast that the fastest-growing manufacturing industries between 1979 and 1990 will be in the high-technology field. Employment in machinery is projected to grow 42 percent, electrical equipment by nearly 90 percent, and instruments by 21 percent. The lumber and wood products sector is not expected to reach 1979 employment levels by 1990. Jobs in primary metals will increase by 10 percent, fabricated metals by 9.5 percent. Transportation equipment is expected to increase by 7 percent. Little change is expected in food products. An increase of 12 percent is projected for paper and allied products, and a 20 percent increase is forecast for printing and publishing.[3]

OREGON POPULATION, LABOR FORCE, EMPLOYMENT, and UNEMPLOYMENT, 1960-83*
(In Thousands)

Year	Population	Labor Force	Employment	Unemployment	Unemployment Rate
1960	1,768.7	718.3	682.3	35.3	4.9%
1965	1,972.0	813.6	775.8	37.3	4.6
1966	1,947.2	843.4	807.3	35.4	4.2
1967	1,980.0	859.1	817.5	41.3	4.8
1968	2,018.9	882.7	843.5	38.6	4.4
1969	2,057.0	912.7	872.2	40.0	4.4
1970	2,091.5	864.5	802.8	61.7	7.1
1971	2,129.9	902.9	834.6	68.3	7.6
1972	2,167.0	959.3	893.7	65.6	6.8
1973	2,217.6	1,001.0	939.0	62.0	6.2
1974	2,271.9	1,015.0	939.0	76.0	7.5
1975	2,326.2	1,039.0	929.0	110.0	10.6
1976	2,386.7	1,068.0	966.0	102.0	9.6
1977	2,451.9	1,130.0	1,047.0	83.0	7.3
1978	2,521.9	1,196.0	1,124.0	72.0	6.0
1979	2,584.3	1,217.0	1,134.0	83.0	6.8
1980	2,633.2	1,295.0	1,188.0	107.1	8.3
1981	2,660.7	1,337.0	1,205.0	132.0	9.9
1982	2,656.2	1,324.0	1,171.0	153.0	11.5
1983	2,635.0	1,337.0	1,192.0	145.0	10.8

* Previous to 1970, employment data are by place of work. From 1970 to present, employment data are by place of residence.

Sources: Population Data: For 1970 and 1980, U.S. Department of Commerce, Bureau of the Census. For other years, Portland State University, Center for Population Research and Census. Employment Data: *Oregon Resident Labor Force, Unemployment and Employment*, Oregon Department of Human Resources, Employment Division.

Percent Increases, 1960-1983

	1960-1970	1970-1980	1980-1983	1960-1983
Population	18.25%	25.90%	0.07%	48.98%
Labor force	20.35	49.80	3.24	86.13
Employment	17.66	47.98	0.34	74.70

OREGON EMPLOYMENT BY MAJOR SECTOR
1960-1983
(In Thousands)

		Non-Agricultural Wage & Salary Employment			
			Private Sector		Public Sector
Year	Agriculture	Total	Manufacturing	Non-Manufacturing	Government
1960	76.2	509.2	144.4	269.5	95.3
1965	61.6	607.4	158.2	331.0	118.2
1966	60.6	639.3	167.2	346.8	125.3
1967	60.2	651.0	165.4	353.2	132.4
1968	57.4	677.9	173.7	368.1	136.1
1969	55.9	707.3	180.5	386.0	140.8
1970	42.5	709.2	172.3	390.2	146.7
1971	41.1	727.2	174.3	400.9	152.0
1972	40.4	774.3	184.0	432.8	157.5
1973	39.6	816.2	196.9	459.1	160.3
1974	38.6	837.9	196.8	472.6	168.5
1975	37.3	837.4	182.1	478.2	177.1
1976	35.6	878.5	193.7	503.2	181.6
1977	35.2	936.9	206.1	544.0	186.8
1978	34.9	1,009.4	219.1	593.2	197.1
1979	35.0	1,056.2	228.5	627.0	200.7
1980	34.9	1,044.6	215.1	626.3	203.2
1981	35.1	1,018.4	202.7	613.1	202.6
1982	34.1	960.8	185.7	579.6	195.5
1983	32.3	963.6	187.0	583.7	192.9

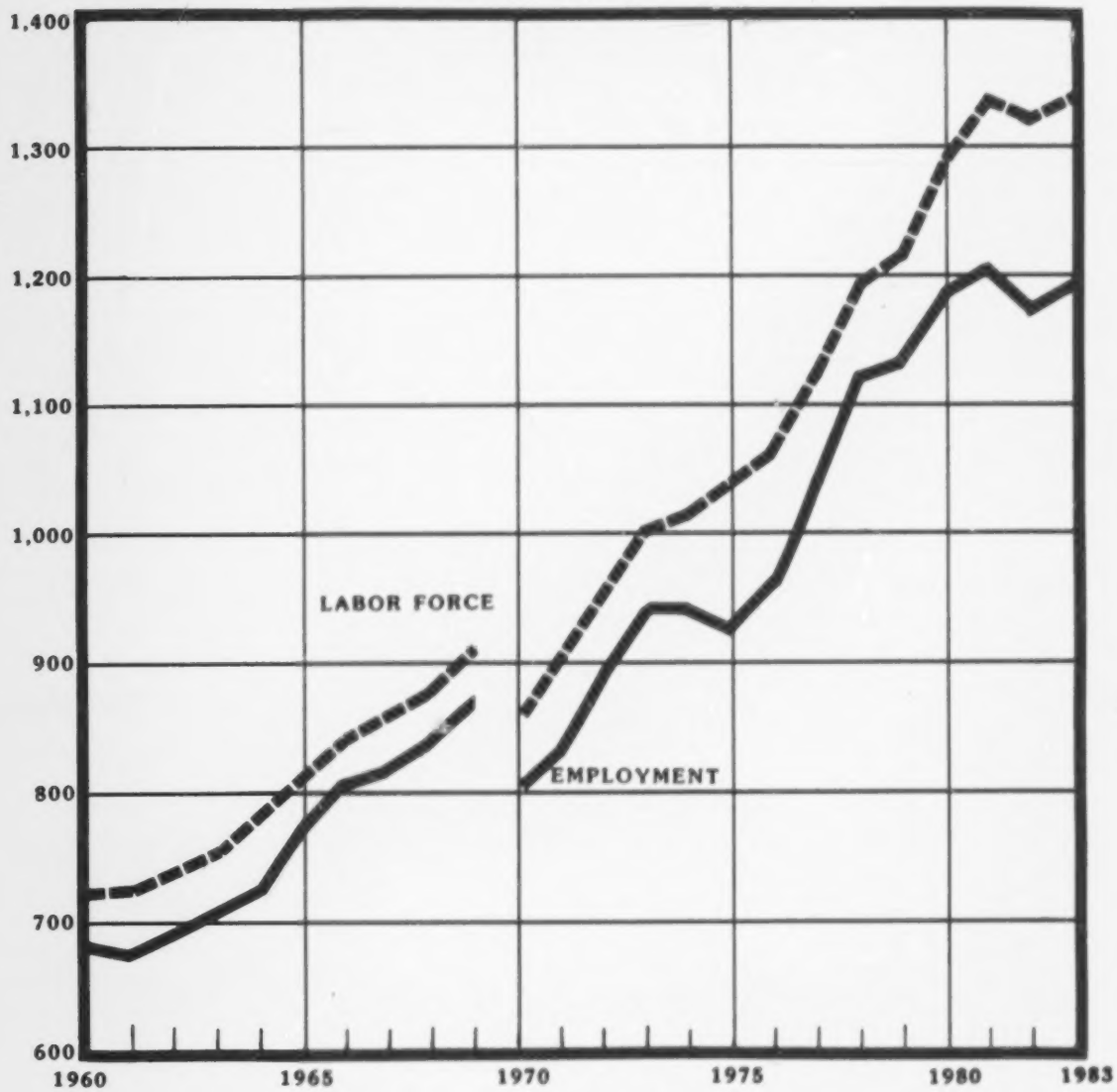
PERCENT DISTRIBUTION OF OREGON'S EMPLOYED LABOR FORCE
by Sector
1983

	Percentage	Average Employment
Total Employment	100.0%	1,192,000
Manufacturing	15.7	187,000
Non-Manufacturing	49.0	583,700
Government	16.2	192,900
Agriculture	2.7	32,300
Self Employed, etc.	16.5	196,100

Source: *Oregon Resident Labor Force, Employment, and Unemployment,* Oregon Department of Human Resources, Employment Division.

LABOR FORCE & EMPLOYMENT 1960 - 1983

In Thousands



The space between the two lines representing labor force and employment is unemployment. The greater the vertical distance between the lines, the greater the unemployment.

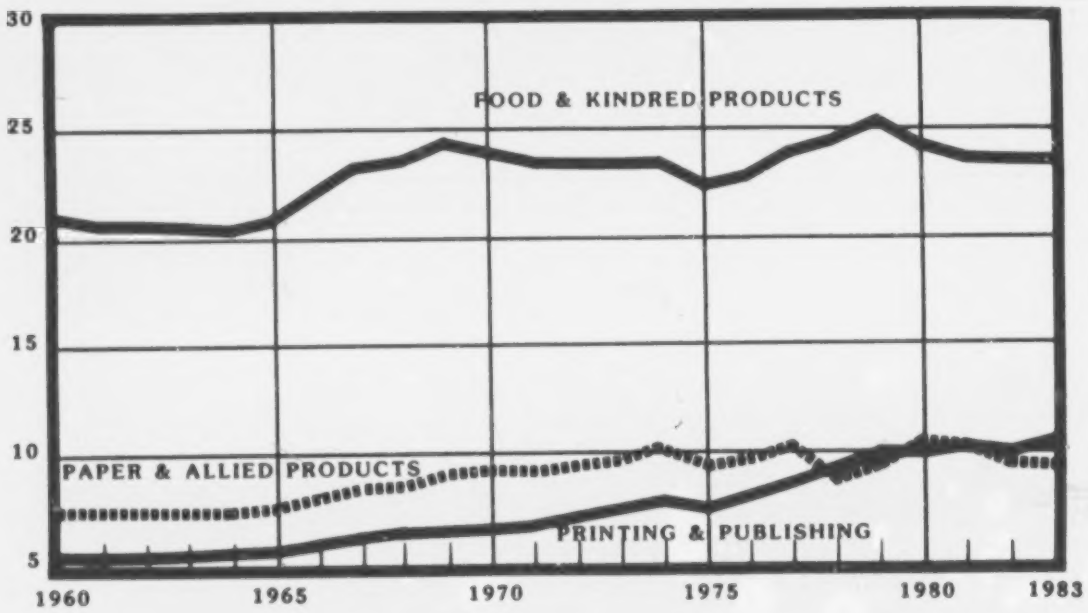
*The break in the graph indicates a change in accounting, from place of work to place of residence.

MANUFACTURING EMPLOYMENT 1960 -1983

In Thousands

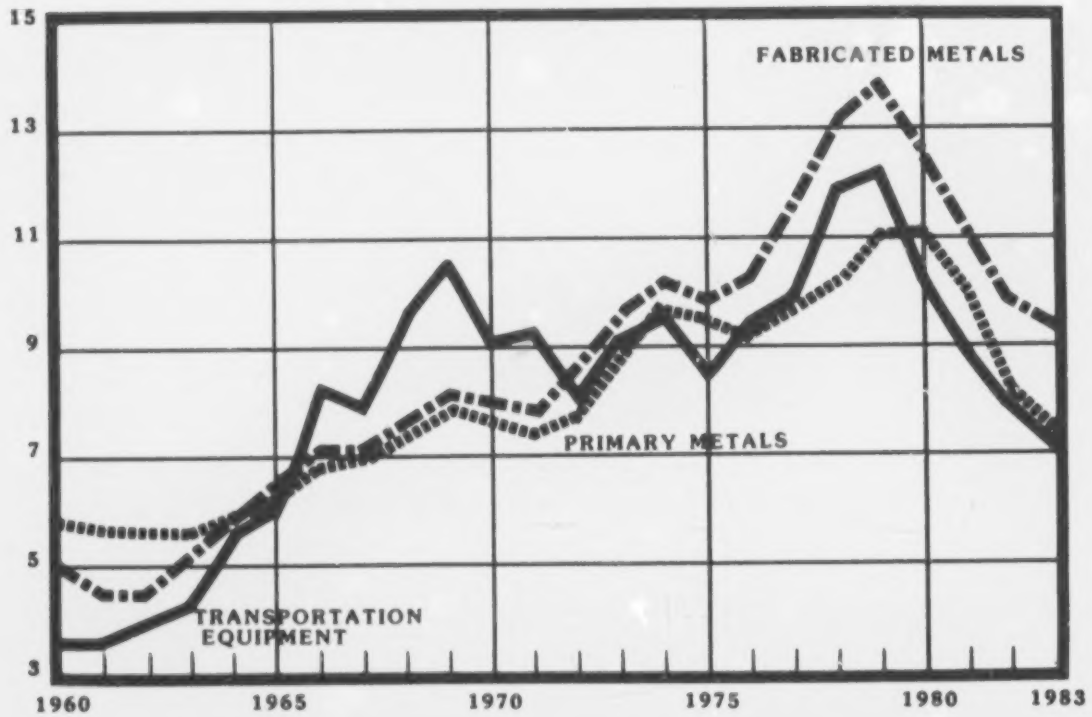
FOOD, PAPER, & PRINTING EMPLOYMENT 1960 - 1983

In Thousands



METALS & TRANSPORTATION EQUIPMENT EMPLOYMENT 1960 - 1983

In Thousands

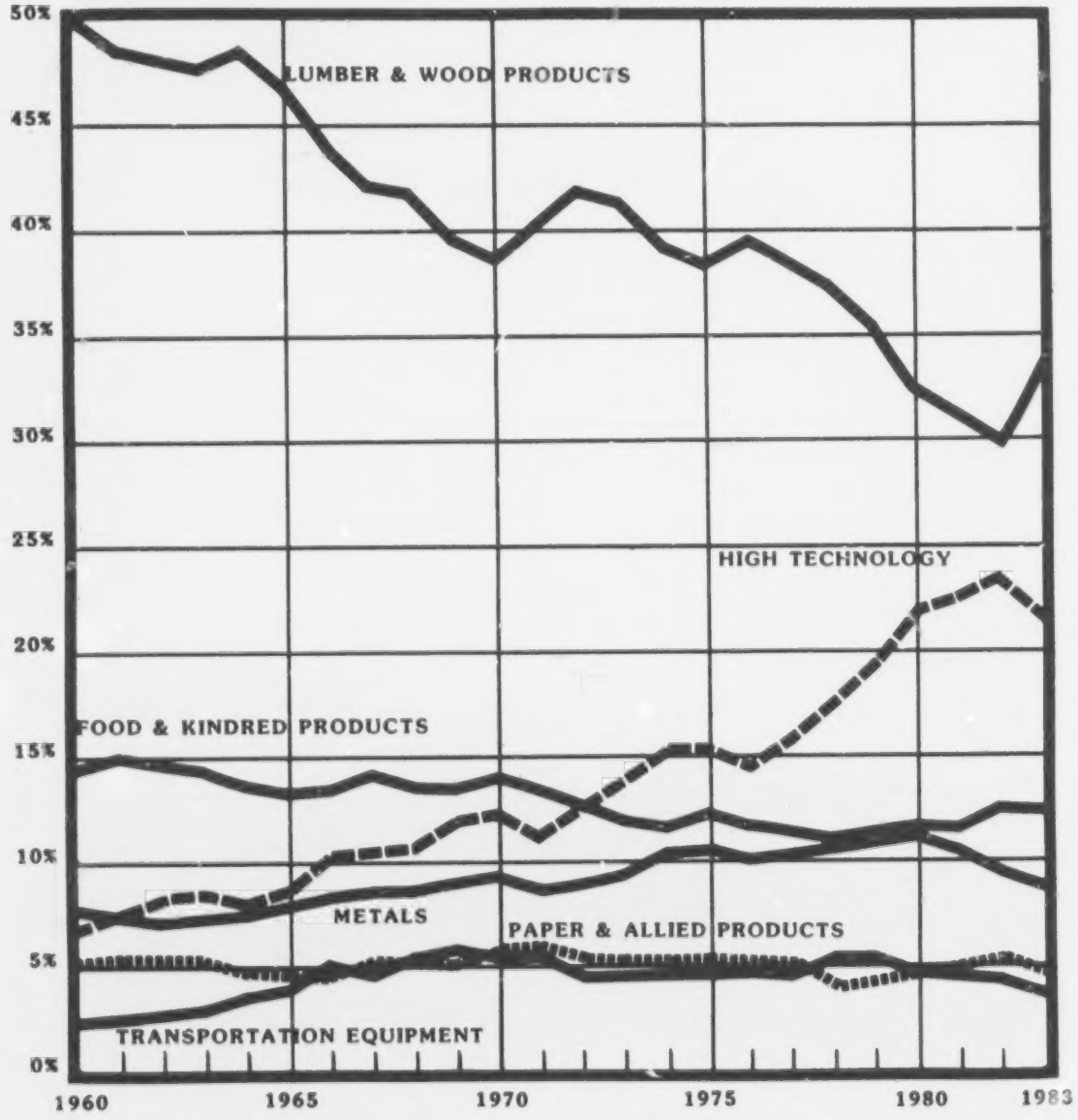


Employment in lumber and wood products dropped from nearly 50 percent of all manufacturing employment in 1960 to 33 percent in 1983. Food products showed a slight decline in its share of manufacturing employment, while paper and allied products remained stable.

During the same time period, high-technology, metals, and transportation equipment increased their shares of manufacturing employment.

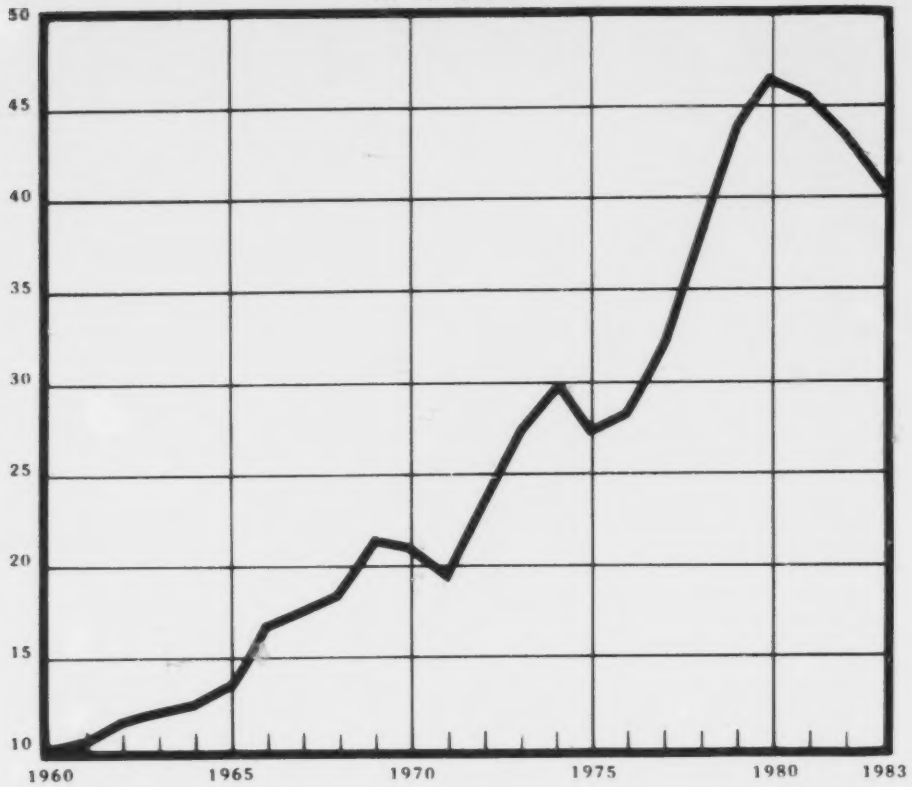
PERCENT OF MANUFACTURING EMPLOYMENT

Selected Components 1960 - 1983



HIGH TECHNOLOGY EMPLOYMENT 1960 - 1983

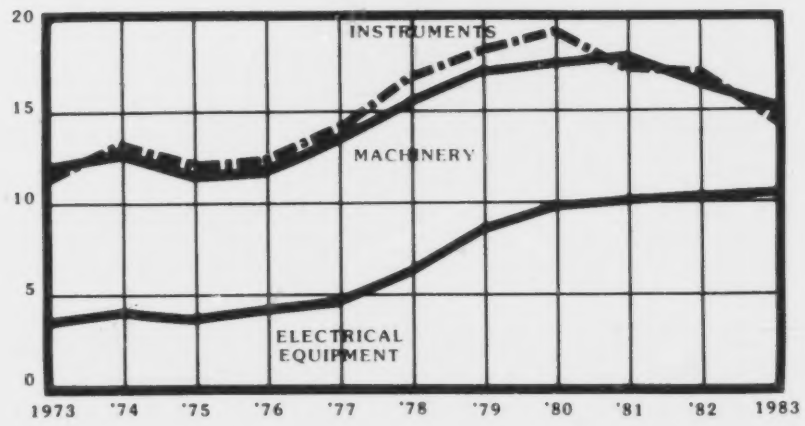
In Thousands



Employment in the high-technology sectors–machinery, electrical equipment, and instruments–has increased dramatically. Just under 10,000 were employed in these sectors in 1960. By 1983, that figure had grown to over 40,000. Electrical equipment posted employment gains even during the 1981-82 recession.

COMPONENTS OF HIGH TECHNOLOGY EMPLOYMENT 1973 -1983

In Thousands



LUMBER & WOOD PRODUCTS

Annual Average Employment 1960 - 1983

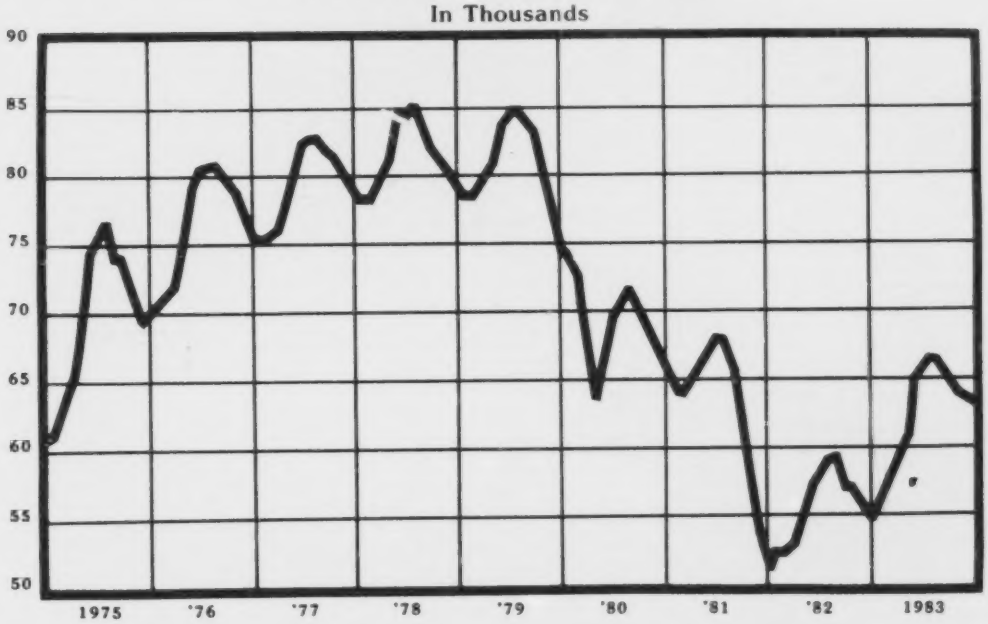
In Thousands

Annual average employment in Oregon's lumber and wood products sector shows its sensitivity to the trends in the national economy: Above, the recessions of 1961, 1970, 1975 and 1981 are clearly seen. Below, the seasonal nature of the industry is illustrated, as winter layoffs give way to summer hiring peaks.

LUMBER & WOOD PRODUCTS

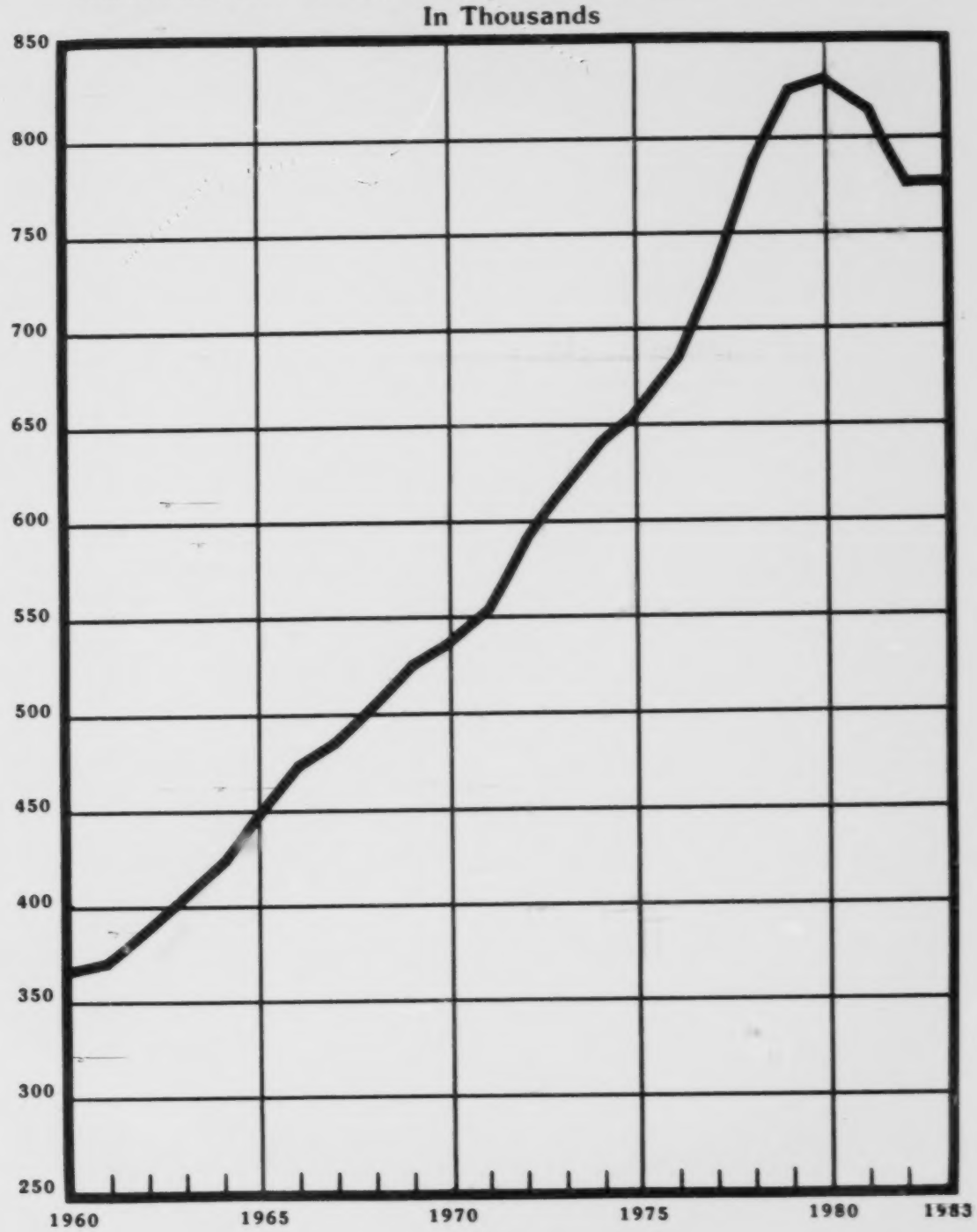
Monthly Employment 1975 - 1983

In Thousands



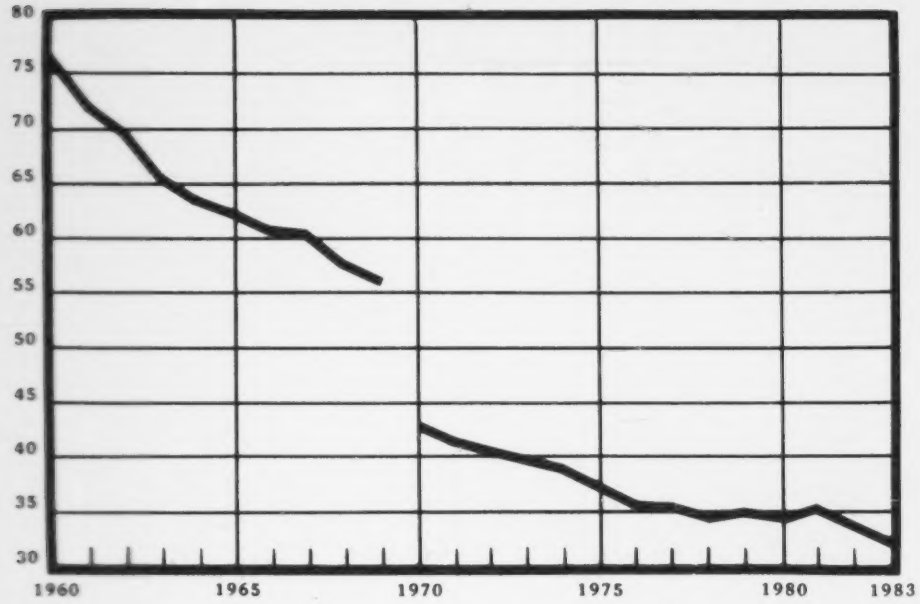
Non-manufacturing employment has risen more rapidly, and with fewer fluctuations, than manufacturing employment. Agricultural employment, however, has fallen off considerably since 1960. The break in the agricultural employment graph (page 30) indicates a change in accounting, reflecting 1970 census benchmark.

NON-MANUFACTURING EMPLOYMENT 1960 - 1983



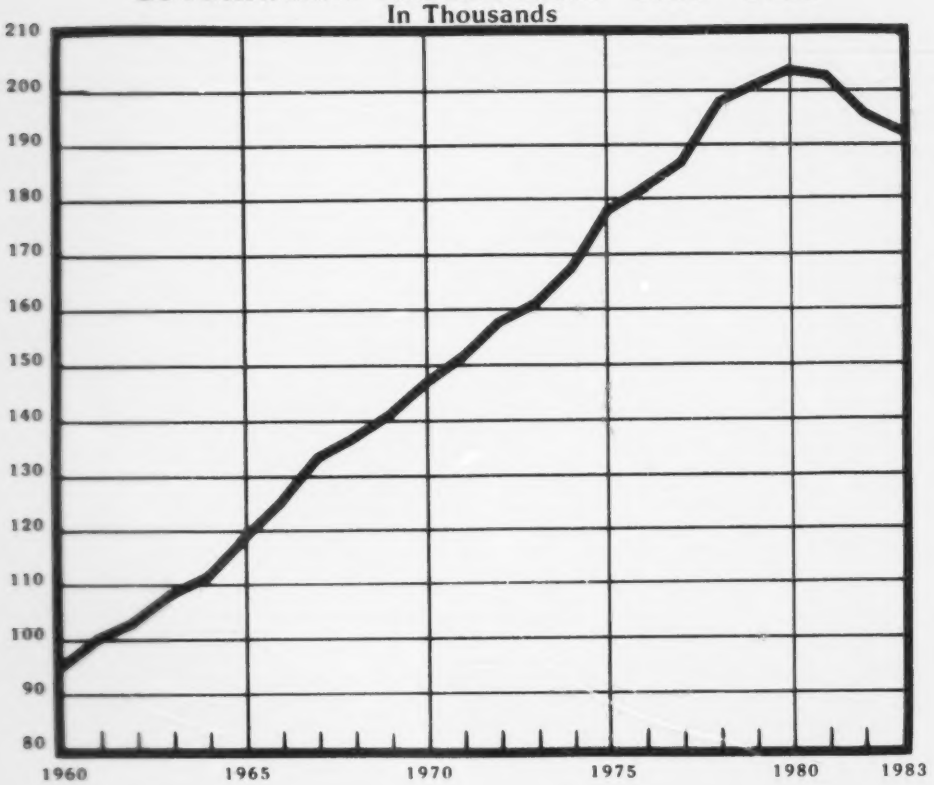
AGRICULTURAL EMPLOYMENT 1960 - 1983

In Thousands

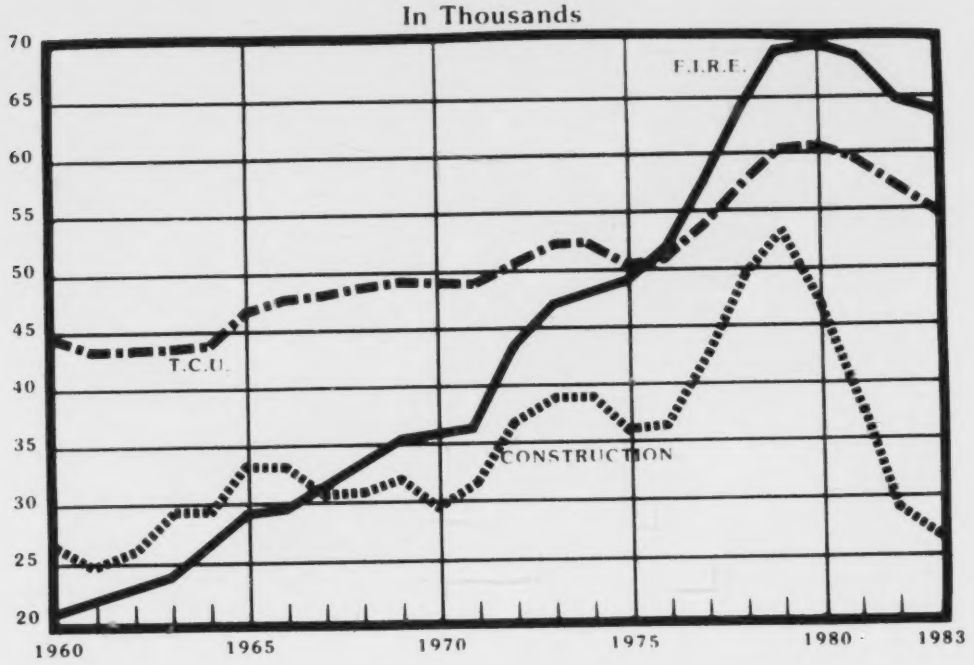


GOVERNMENT EMPLOYMENT 1960 - 1983

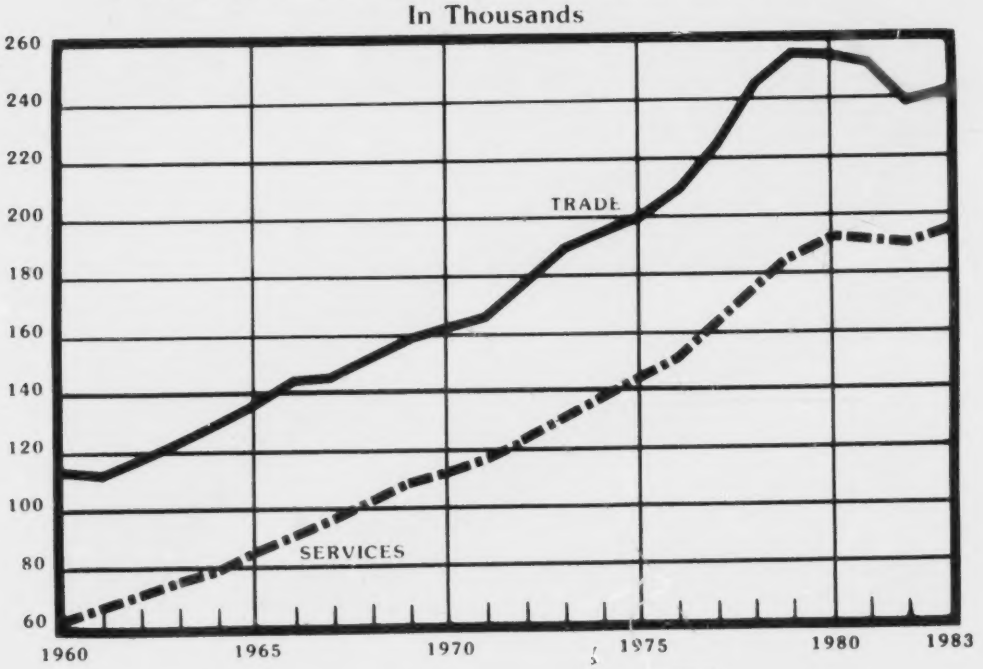
In Thousands



CONSTRUCTION, T.C.U., & F.I.R.E. EMPLOYMENT
1960 - 1983
In Thousands

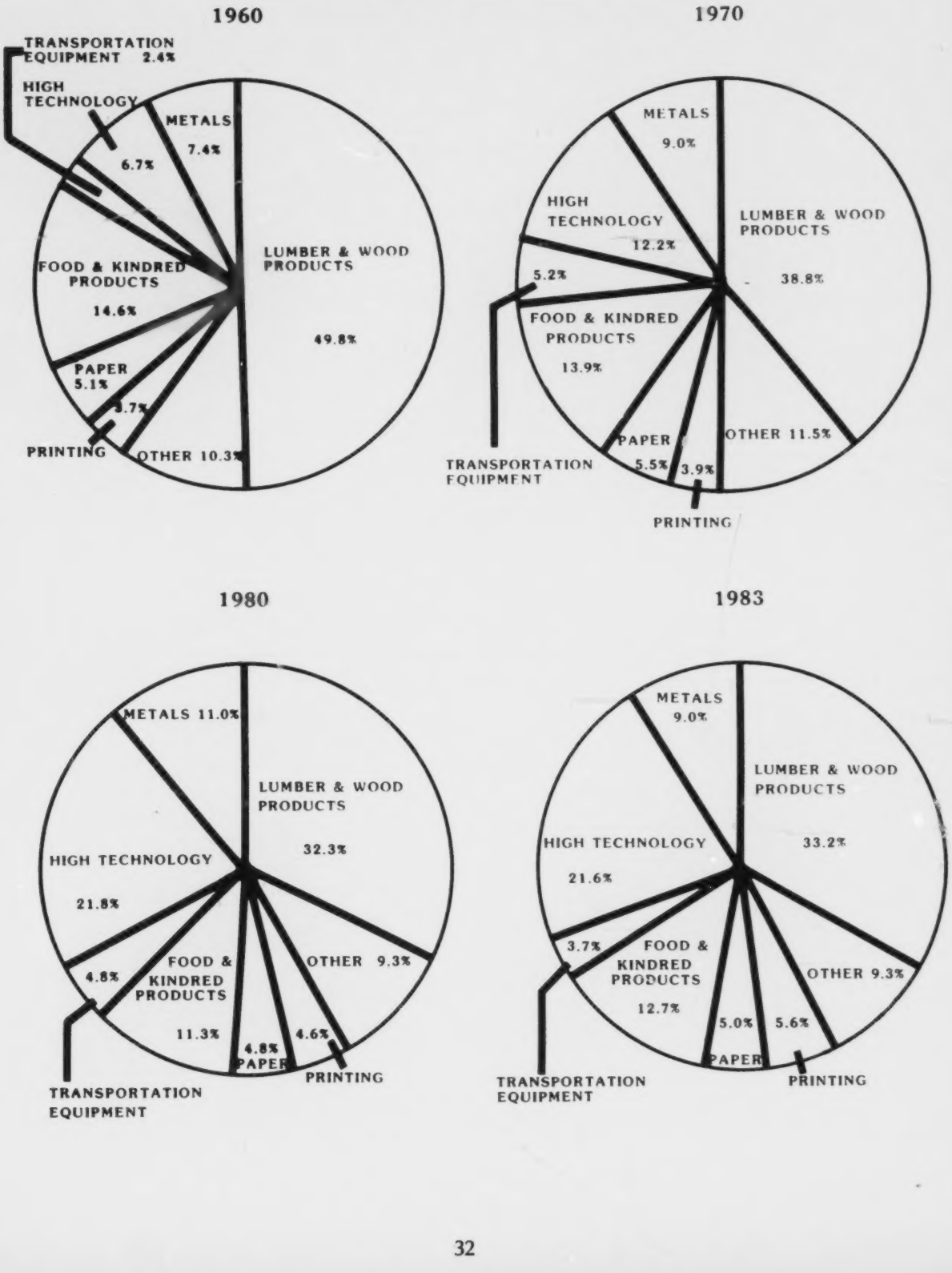


TRADE & SERVICES EMPLOYMENT 1960 - 1983
In Thousands



MANUFACTURING EMPLOYMENT

Percent Distribution 1960 - 1983



PERCENT DISTRIBUTION OF OREGON MANUFACTURING EMPLOYMENT BY INDUSTRY 1960 TO 1983

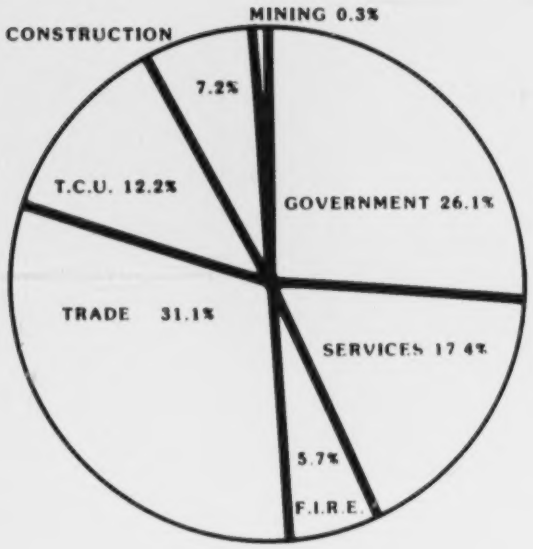
INDUSTRY	1960 Average Employment	1960 Percent	1970 Average Employment	1970 Percent	1980 Average Employment	1980 Percent	1983 Average Employment	1983 Percent
Total Manufacturing	144,400	100.0%	172,300	100.0%	215,100	100.0%	187,000	100.0%
Lumber & Wood Products	71,900	49.8	66,800	38.8	69,500	32.3	62,000	33.2
Primary Metals	5,700	3.9	7,600	4.4	11,000	5.1	7,400	4.0
Fabricated Metals	5,000	3.5	8,000	4.6	12,700	5.9	9,300	5.0
High Technology	9,700[1]	6.7	21,000[2]	12.2	46,800[3]	21.8	40,300[3]	21.6
Transportation Equipment	3,500	2.4	9,000	5.2	10,300	4.8	7,000	3.7
Other Durable Goods	7,200	5.0	10,500	6.1	9,300	4.3	7,700	4.1
Food & Kindred Products	21,100	14.6	24,000	13.9	24,300	11.3	23,800	12.7
Paper & Allied Products	7,300	5.1	9,400	5.5	10,400	4.8	9,300	5.0
Printing & Publishing	5,300	3.7	6,700	3.9	10,000	4.6	10,400	5.6
Other Nondurable Goods	7,700	5.3	9,300	5.4	10,800	5.0	9,800	5.2

1. Includes machinery and electrical machinery, according to the 1957 Standard Industrial Classification Manual.
2. Includes machinery and electrical equipment and supplies, according to the 1967 Standard Industrial Classification Manual.
3. Includes machinery, electrical equipment and supplies, and instruments and related products, according to the 1972 Standard Industrial Classification Manual.

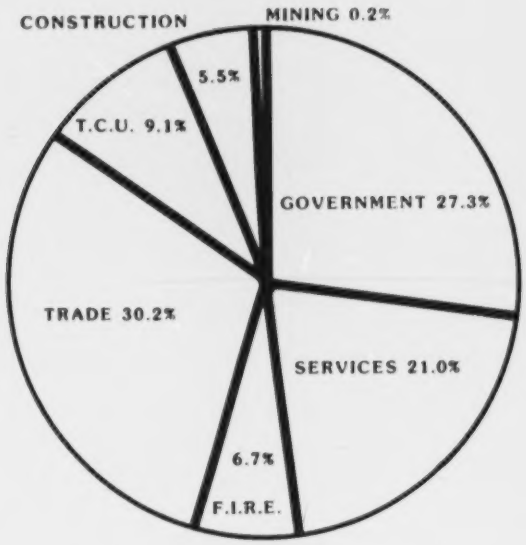
NON - MANUFACTURING EMPLOYMENT

Percent Distribution 1960 - 1983

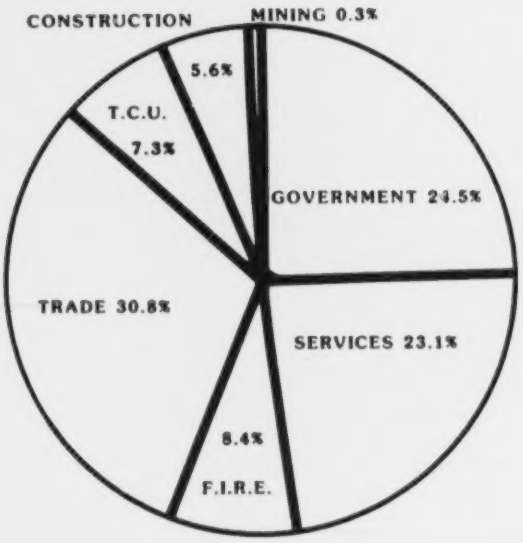
1960



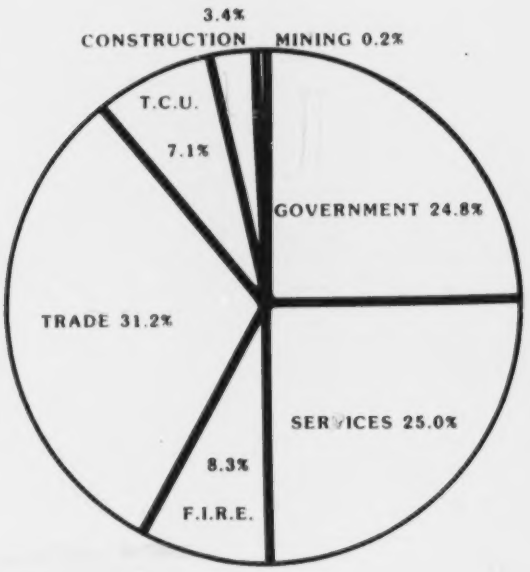
1970



1980



1983



PERCENT DISTRIBUTION OF OREGON NON-MANUFACTURING EMPLOYMENT BY INDUSTRY 1960 TO 1983

INDUSTRY	1960 Average Employment	1960 Percent	1970 Average Employment	1970 Percent	1980 Average Employment	1980 Percent	1983 Average Employment	1983 Percent
Total Non-Manufacturing	364,800	100.0%	536,900	100.0%	829,500	100.0%	776,600	100.0%
Mining	1,200	0.3	1,300	0.2	2,300	0.3	1,600	0.2
Construction	26,100	7.2	29,500	5.5	46,500	5.6	26,400	3.4
Transportation, Communication & Utilities (T.C.U.)	44,400	12.2	48,700	9.1	60,500	7.3	54,900	7.1
Wholesale Trade	31,200	8.6	43,900	8.2	67,400	8.1	62,000	8.0
Retail Trade	82,400	22.6	118,100	22.0	188,200	22.7	180,200	23.2
Finance, Insurance, Real Estate (F.I.R.E.)	20,700	5.7	36,000	6.7	70,000	8.4	64,700	8.3
Services	63,500	17.4	112,700	21.0	191,400	23.1	193,900	25.0
Government	95,300	26.1	146,700	27.3	203,200	24.5	192,900	24.8

CHAPTER THREE

OUTPUT

Gross State Product is the value of the final output of all goods and services produced in the state. Estimates of Gross State Product by major industrial sector describe the composition of the state's economy. When combined with employment estimates by sector, a useful picture of the health and direction of the total economy can be derived.

Current dollar estimates are used to reflect transactions that take place at prevailing prices. However, current dollar data can be misleading, since they combine the effects of increases in output *and* inflation. Changes in output have been isolated by restating current dollar figures in 1972 constant dollars.*

In using these data, it would be helpful to remember that:

1. GSP is the value of the flow of production over the year, and not a given sum of wealth at any moment in time.

2. GSP deals in dollar values, not in physical units.

3. GSP does not reflect changes in the quality of the goods and services produced.

4. GSP does not include most goods and services that are not for sale, for example, food grown in home gardens.

5. GSP does not include value added to commodities by their movement through the marketplace.

Methodology:

Estimates of Gross State Product are obtained by calculating the ratio of the Gross National Product to income received data at the national level, and applying that ratio to state income received by sector. The formula is:

$$GSP = GNP \times \frac{\text{Oregon personal income}}{\text{U.S. personal income}}$$

The major assumption in this approach is that sectors in the state economy are similar to like sectors in the national economy. This implies that average productivity per sector in the state is equivalent to the same sector in the U.S. economy.

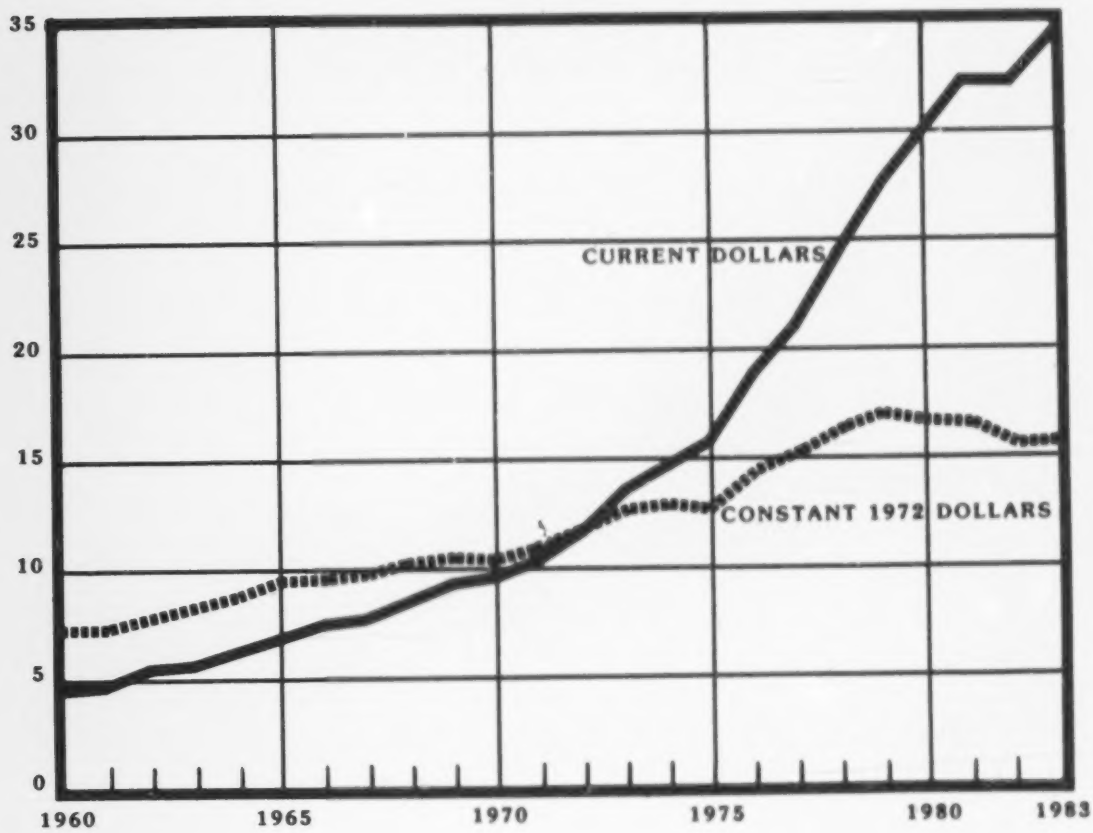
*This is done by applying "Implicit Price Deflators" for Gross National Product by major industrial sector. Implicit Price Deflators are developed each year by the U.S. Department of Commerce's Bureau of Economic Analysis (BEA). Deflators are published annually in the July issue of BEA's periodical, *Survey of Current Business.*

Current dollar estimates of Oregon's Gross State Product show the effects of rapid inflation during the late 1970s.

Constant dollar estimates of Oregon's Gross State Product show moderate growth during the late seventies, a decline with the onset of the recession in 1980, and a recovery beginning in 1983.

GROSS STATE PRODUCT 1960 - 1983

Billions of Dollars



OREGON GROSS STATE PRODUCT
Percent of Total GSP by Sector*
Constant 1972 Dollars
1960-1983

	Farm	Manufacturing	Nonmanufacturing	Government
1960	5.4%	20.6%	59.1%	14.9%
1970	3.7	24.3	57.6	14.4
1980	3.8	23.0	60.8	12.0
1983	4.0	22.3	57.3	11.9

Manufacturing output, relative to total output, increased during the 1960s.

During the 1970s, nonmanufacturing output increased, while shares from other sectors decreased or remained unchanged.

In terms of 1972 dollars, contribution to output from all sectors increased throughout the 1960s and 1970s. Although Oregon's economy recovered substantially from the recession during 1983, output still remained below 1980 levels.

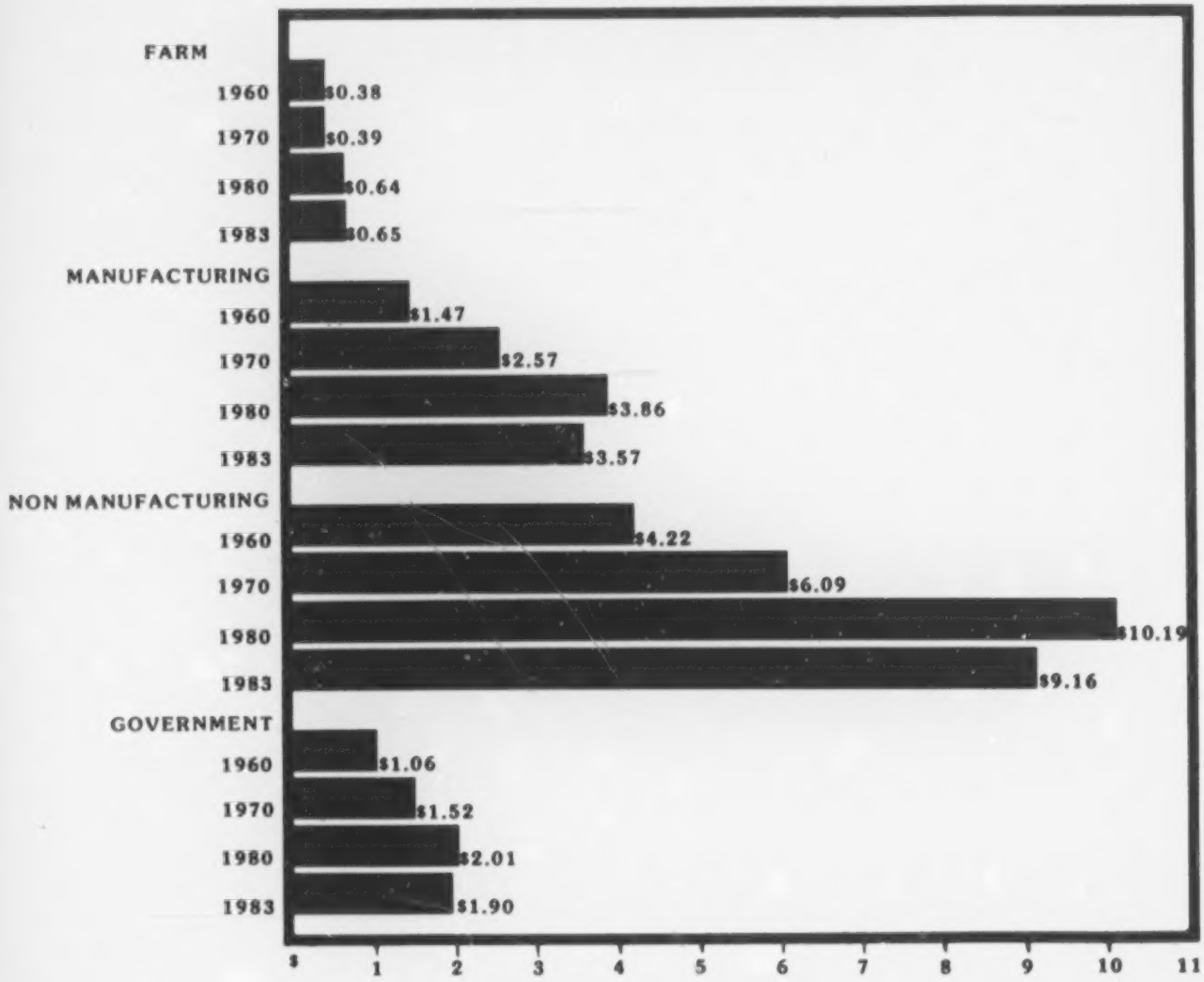
Source: Oregon Economic Development Department, Business Information Division. Based on data provided by the U.S. Department of Commerce, Bureau of Economic Analysis.

*Percentages may not total to 100 due to rounding.

GROSS STATE PRODUCT

Contribution by Major Sector

In Billions of 1972 Constant Dollars



OREGON GROSS STATE PRODUCT
Annual Average Percent Change
By Industry, 1972 Constant Dollars
1960-1983

	1960-1970	1970-1980	1980-1983
Total Gross State Product	4.0%	4.7%	–1.4%
Farm	0.3	9.8	0.8
Manufacturing	5.9	4.4	–2.3
Lumber & Wood Products	5.9	2.3	–2.8
Primary Metals	4.8	5.5	–8.2
Fabricated Metals	6.9	5.2	–5.3
High Technology	10.9	10.8	0.0
Food Products	3.7	3.7	–0.2
Non-Manufacturing	3.8	5.5	–3.3
Mining	5.4	1.5	–11.5
Construction	0.3	4.0	–16.2
Transportation, Communication & Utilities	5.0	4.7	–2.3
Trade	4.0	5.3	–0.8
Finance, Insurance & Real Estate	4.1	7.0	–6.4
Services	4.2	5.6	0.4
Government	3.7	2.8	–1.7

The direction of Oregon's economy during the sixties and seventies is shown by the decreasing growth rate in lumber and wood products, and the strong growth rates registered by high-technology and metals.

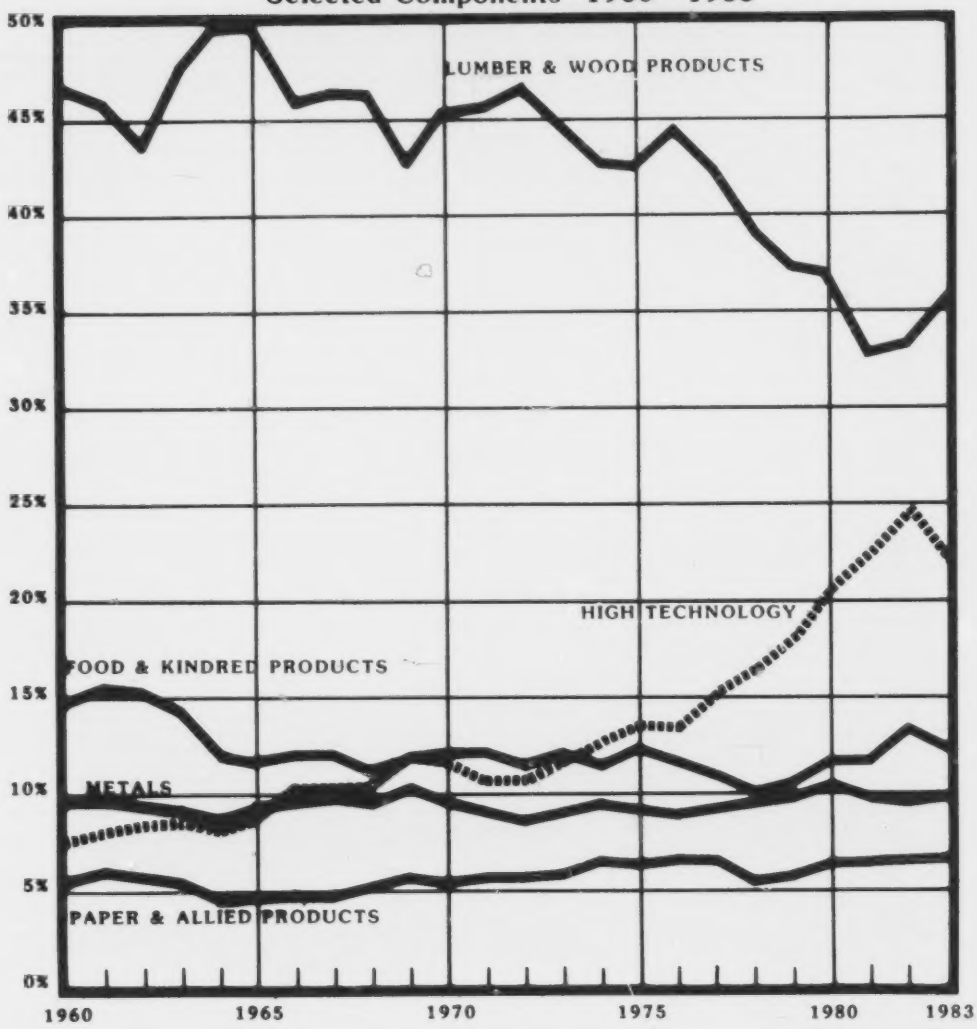
The effect of the recent recession is shown by declines in every Oregon industry save high-technology, farm, and services. Construction and metals are among those sectors showing the most serious effects.

Source: Oregon Economic Development Department, Business Information Division. Based on data provided by U.S. Department of Commerce, Bureau of Economic Analysis.

GROSS STATE PRODUCT

Percent of Manufacturing Output

Selected Components 1960 - 1983



During the 1970s, resource-based sectors (lumber and food) showed reduced shares of Gross State Product.

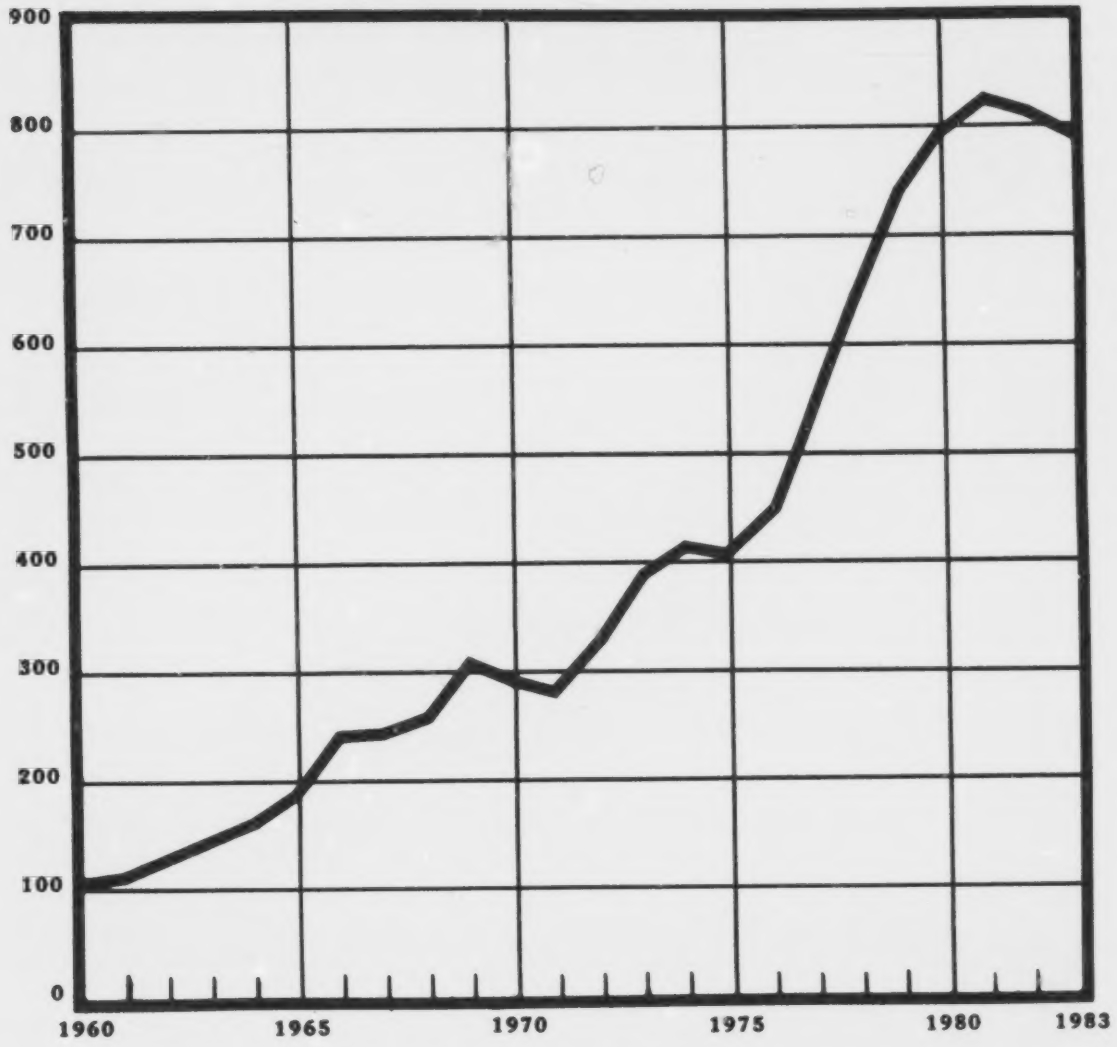
The 1981-82 recession affected durable goods manufacturing (lumber, metals) more than non-durable goods manufacturing (food and paper). For this reason, food products and paper increased their shares of GSP during that period. Similarly, the high-technology industries were less affected by the recession, and so continued to command an increasing share of Gross State Product.

A substantial recovery of the lumber and wood products industry caused that sector's share of Gross State Product to rise in 1983.

GROSS STATE PRODUCT

High Technology Output 1960 - 1983

In Millions of 1972 Dollars



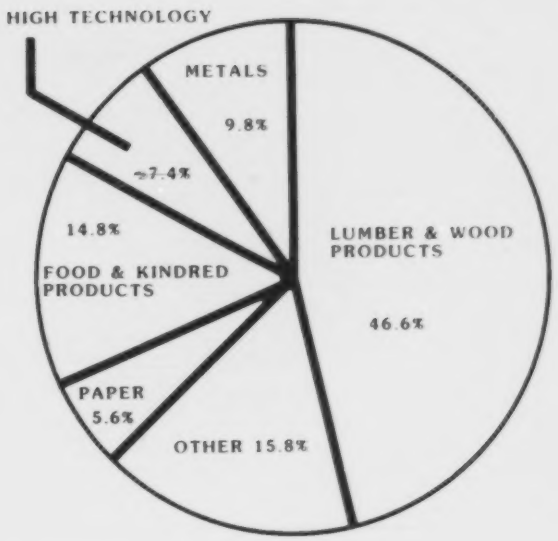
Real dollar output in the high-technology industries has increased dramatically since 1960. This is one of Oregon's strongest economic sectors, and was only slightly affected by the recession in terms of Gross State Product.

GROSS STATE PRODUCT

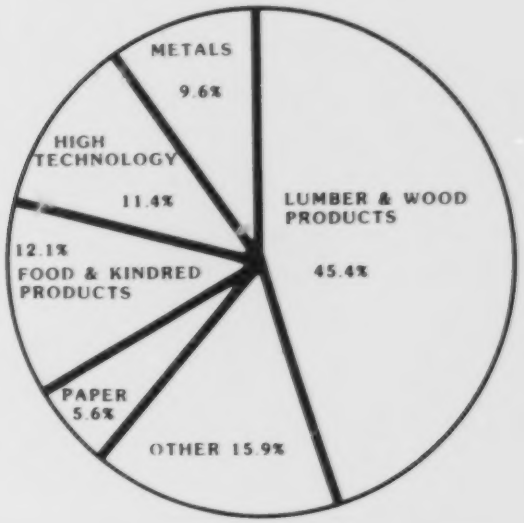
Percent Distribution, Manufacturing Industries

1960 - 1983

1960



1970



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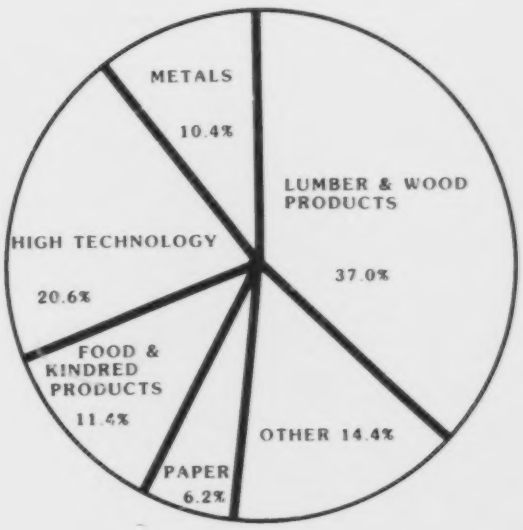

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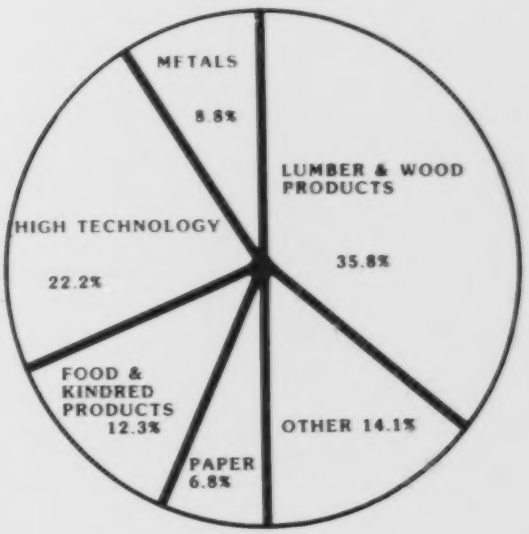


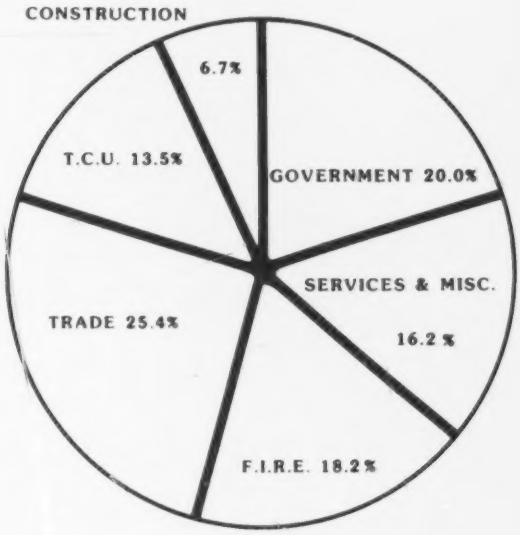
GROSS STATE PRODUCT

Percent Distribution, Non - Manufacturing Industries

1960 - 1983

1960

1970



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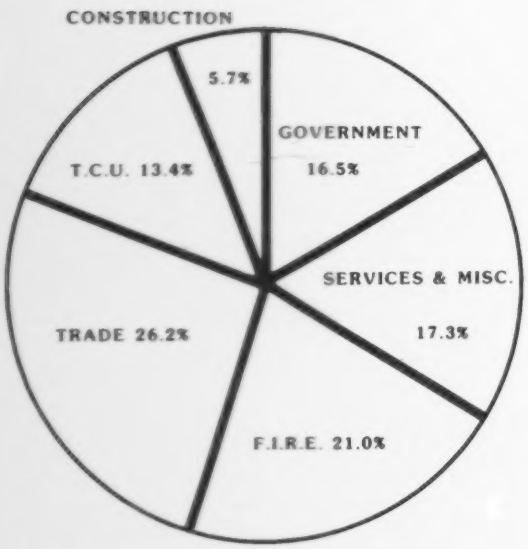
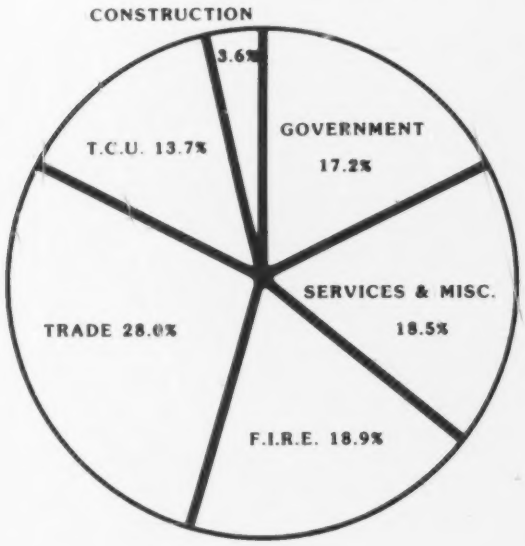


1983



OREGON GROSS STATE PRODUCT BY MAJOR SECTOR
1960 to 1983
(In Millions of Current Dollars)

	Total	Farm	Manufacturing	Nonmanufacturing	Government
1960	4,831.7	264.2	1,200.8	2,840.2	526.5
1965	6,801.2	252.8	1,695.4	4,077.9	775.1
1966	7,382.0	282.7	1,841.1	4,399.2	859.0
1967	7,726.5	284.3	1,886.6	4,608.5	947.1
1968	8,531.5	279.4	2,148.6	5,059.2	1,044.3
1969	9,234.2	334.7	2,393.3	5,361.7	1,144.5
1970	9,584.8	322.2	2,363.9	5,602.4	1,296.3
1971	10,486.7	324.0	2,601.4	6,142.6	1,418.7
1972	11,966.9	377.5	3,072.7	6,944.2	1,572.5
1973	13,654.6	577.6	3,572.0	7,787.3	1,717.1
1974	14,936.8	737.4	3,741.2	8,558.7	1,899.5
1975	15,995.8	643.8	3,700.5	9,496.6	2,154.9
1976	19,062.3	652.8	4,284.8	10,847.6	2,430.5
1977	21,289.6	539.2	4,998.3	12,800.5	2,638.2
1978	24,658.0	797.0	5,768.6	14,917.5	2,920.0
1979	27,779.7	978.6	6,357.0	16,883.4	3,199.5
1980	29,898.8	1,242.5	6,394.5	18,128.2	3,479.5
1981	32,361.1	1,128.1	6,618.7	18,822.9	3,811.9
1982	32,202.6	1,099.4	6,266.4	18,543.4	3,975.5
1983	34,458.7	1,177.0	6,916.2	19,829.4	4,186.4

When measured in current dollars, the GSP shows the effects of rapid inflation during the late 1970s.

Reduced inflation rates and real output are reflected by the smaller annual gains in current dollar GSP after 1980.

Source: Oregon Economic Development Department, Business Information Division. Based on data provided by U.S. Department of Commerce, Bureau of Economic Analysis.

OREGON GROSS STATE PRODUCT BY MAJOR SECTOR
1960 to 1983
(In Millions of 1972 Constant Dollars)

	Total	Farm	Manufacturing	Nonmanufacturing	Government
1960	7,131.4	382.3	1,470.4	4,217.2	1,061.5
1965	9,385.8	343.9	2,222.7	5,527.4	1,291.8
1966	9,818.5	349.9	2,338.3	5,769.0	1,361.3
1967	9,955.2	380.6	2,350.6	5,806.2	1,417.8
1968	10,326.4	359.6	2,504.6	6,023.8	1,438.4
1969	10,614.1	394.7	2,601.6	6,141.0	1,476.8
1970	10,565.2	388.7	2,566.3	6,090.5	1,519.7
1971	11,015.2	383.4	2,690.3	6,401.1	1,540.1
1972	11,966.9	377.5	3,072.7	6,944.2	1,572.5
1973	12,782.9	366.0	3,376.2	7,430.9	1,609.8
1974	12,976.6	490.9	3,340.1	7469.1	1,676.5
1975	12,878.6	443.1	3,079.4	7,604.1	1,752.0
1976	14,408.4	456.8	3,313.8	8,260.6	1,827.4
1977	15,196.0	369.3	3,648.4	9,142.2	1,863.1
1978	16,395.0	422.6	3,792.9	9,909.4	1,935.0
1979	17,001.0	467.3	4,141.4	10,398.4	1,993.7
1980	16,750.0	642.8	3,859.1	10,185.1	2,005.5
1981	16,544.5	562.1	3,699.7	9,770.9	2,008.4
1982	15,526.8	570.2	3,345.7	8,753.4	1,939.3
1983	15,997.6	646.7	3,574.3	9,162.2	1,903.8

When measured in constant 1972 dollars, growth is more moderate during the late 1970s. The effects of the 1981-82 recession and the 1983 recovery are clearly seen.

Source: Oregon Economic Development Department, Business Information Division. Based on data provided by U.S. Department of Commerce, Bureau of Economic Analysis.

UNITED STATES GROSS NATIONAL PRODUCT
1960 to 1983
(In Billions of Dollars)

Year	Current Dollars	Constant (1972) Dollars
1960	506.5	737.2
1965	691.1	929.3
1966	756.0	984.8
1967	799.6	1,011.4
1968	873.4	1,058.1
1969	944.0	1,087.6
1970	992.7	1,085.6
1971	1,077.6	1,122.4
1972	1,185.9	1,185.9
1973	1,326.4	1,254.3
1974	1,434.2	1,246.3
1975	1,549.2	1,231.6
1976	1,718.0	1,298.2
1977	1,918.3	1,369.7
1978	2,163.9	1,438.6
1979	2,417.8	1,479.4
1980	2,631.7	1,475.0
1981	2,957.8	1,512.2
1982	3,069.3	1,480.0
1983	3,304.8	1,534.7

Source: *Gross Product by Sector or Industry of Origin* (computer printout), U.S. Department of Commerce, Bureau of Economic Analysis, September 1984.

GROSS STATE PRODUCT
and GROSS NATIONAL PRODUCT
1972 Constant Dollar
ANNUAL PERCENT CHANGE
1960-1983

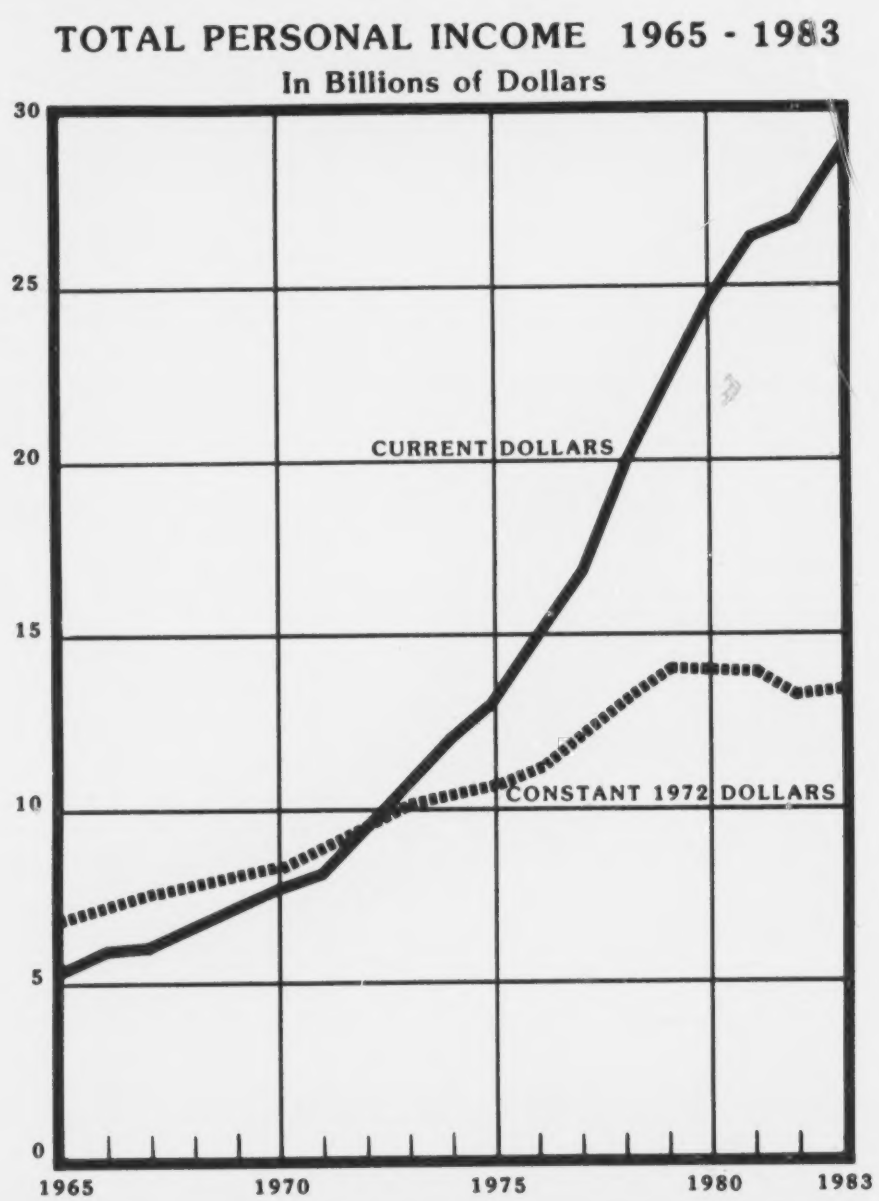
Year	Oregon Gross State Product	U.S. Gross National Product
1960-61	0.6%	2.6%
1965-66	4.6	6.0
1966-67	1.4	2.7
1967-68	3.7	4.6
1968-69	2.8	2.8
1969-70	–0.5	–0.2
1970-71	4.3	3.4
1971-72	8.6	5.7
1972-73	6.8	5.8
1973-74	1.5	–0.6
1974-75	–0.8	–1.2
1975-76	11.9	5.4
1976-77	5.5	5.5
1977-78	7.9	5.0
1978-79	3.7	2.8
1979-80	–1.5	–0.3
1980-81	–1.2	2.5
1981-82	–6.2	–2.1
1982-83	3.0	3.7

Source: Calculations by the Oregon Economic Development Department, Business Information Division. Based on data provided by the U.S. Department of Commerce, Bureau of Economic Analysis.

CHAPTER FOUR

INCOME

Personal income, as defined by the U.S. Bureau of Economic Analysis, is income of residents of an area from all sources. It is measured after deduction of personal contributions to old age, retirement and other social insurance programs, but before deduction of taxes. It includes income received from business, governments and households, and consists of wages, salaries, other supplementary income such as employer pension contributions, rent, dividends and transfer payments.



OREGON PERSONAL AND PER CAPITA INCOME, 1960-1983
(By Place of Residence)

	Personal Income (In millions of $)		Per Capita Income (In $)		
Year	Current Dollars	Constant (1972) Dollars	Current Dollars	Constant (1972) Dollars	Oregon Per Capita as Percent of U.S.
1960	$3,929.5	$5,465.2	$2,218	$3,085	100%
1965	5,329.2	6,903.1	2,751	3,563	99
1966	5,762.8	7,257.9	2,927	3,686	98
1967	6,103.6	7,498.3	3,084	3,789	98
1968	6,642.0	7,851.1	3,314	3,917	97
1969	7,257.9	8,210.3	3,520	3,982	95
1970	7,794.6	8,426.6	3,711	4,012	94
1971	8,504.4	8,812.8	3,956	4,099	95
1972	9,541.2	9,541.2	4,346	4,346	96
1973	10,842.3	10,257.6	4,835	4,574	97
1974	12,166.3	10,461.1	5,334	4,586	98
1975	13,304.8	10,626.8	5,723	4,571	98
1976	15,106.4	11,479.0	6,368	4,839	100
1977	17,070.2	12,236.7	6,998	5,016	100
1978	19,713.8	13,221.9	7,855	5,268	101
1979	22,368.2	13,782.0	8,676	5,346	100
1980	24,552.7	13,716.6	9,309	5,201	98
1981	26,527.6	13,638.9	9,938	5,110	94
1982	27,078.2	13,144.8	10,148	4,926	91
1983	28,584.9	13,382.4	10,740	5,028	92

AVERAGE ANNUAL PERCENT CHANGE 1965-1983

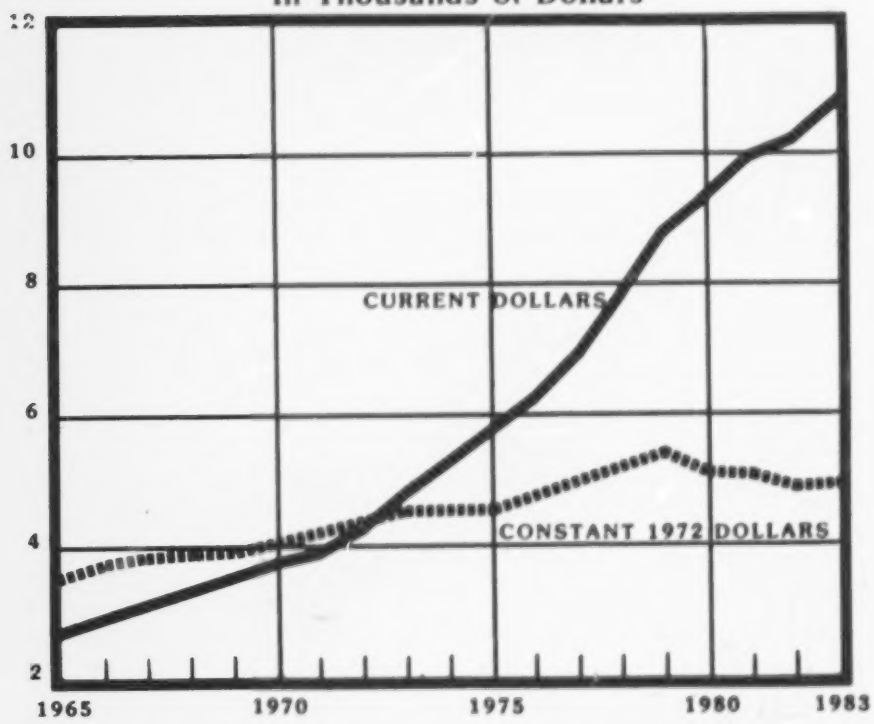
Real personal income (1972 dollars): 2.0%
Real per capita income (1972 dollars): 3.8%

Sources: *State Survey Table* (microfiche), U.S. Department of Commerce, Bureau of Economic Analysis, August 1984.
Per Capita Personal Income, States and Regions Percent of National Average (computer printout), U.S. Department of Commerce, Bureau of Economic Analysis, August 1984.

Current dollar figures deflated to 1972 dollars by the Oregon Economic Development Department, Business Information Division.

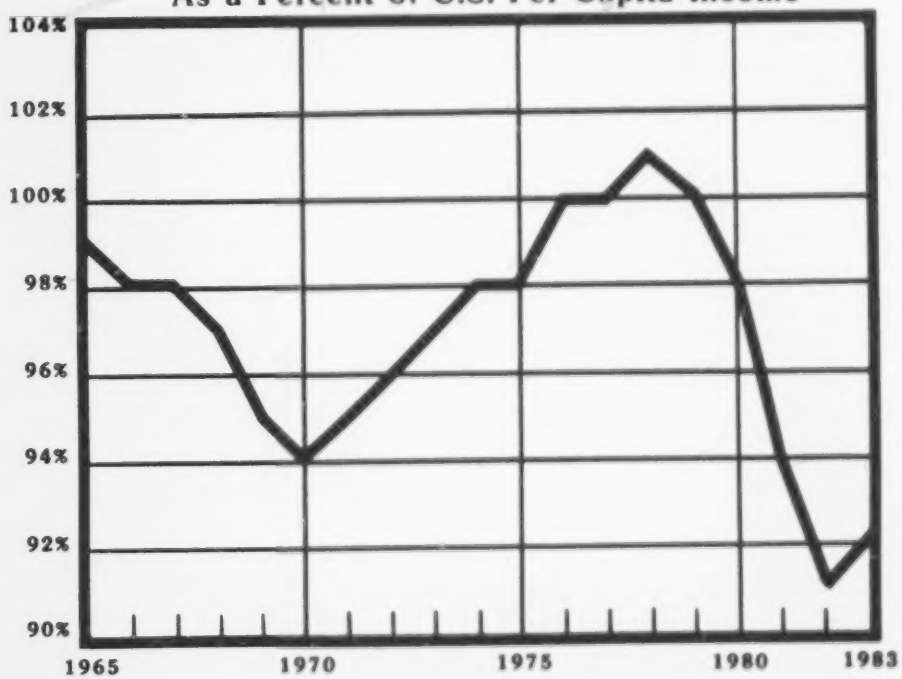
PER CAPITA INCOME 1965 - 1983

In Thousands of Dollars



OREGON PER CAPITA INCOME 1965 - 1983

As a Percent of U.S. Per Capita Income



COMPOSITION OF OREGON PERSONAL INCOME BY PLACE OF RESIDENCE, 1960-1983 (In Millions of Dollars)

	Personal Income	=	Net Earnings by Place of Residence	+	Dividends, Interest & Rent	+	Transfer Payments
1960	3,929.5		3,095.4		504.3		329.9
1965	5,329.2		4,180.5		695.9		452.8
1966	5,762.8		4,511.4		753.2		498.2
1967	6,103.6		4,686.8		828.7		588.0
1968	6,642.0		5,090.3		899.5		652.3
1969	7,257.9		5,536.7		992.8		728.5
1970	7,794.6		5,842.8		1,065.8		886.0
1971	8,504.4		6,305.2		1,168.4		1,030.9
1972	9,541.2		7,144.7		1,260.7		1,135.7
1973	10,824.3		8,063.4		1,439.6		1,321.3
1974	12,166.3		8,829.5		1,724.5		1,612.3
1975	13,304.8		9,393.0		1,883.0		2,028.8
1976	15,106.4		10,791.6		2,109.1		2,205.7
1977	17,070.2		12,213.4		2,444.3		2,412.5
1978	19,713.8		14,155.8		2,928.9		2,629.1
1979	22,368.2		15,877.4		3,544.6		2,946.1
1980	24,552.7		16,832.0		4,213.5		3,507.2
1981	26,527.6		17,249.2		5,215.2		4,063.3
1982	27,078.2		16,983.9		5,522.1		4,572.1
1983	28,584.9		17,994.6		5,695.8		4,894.5

AVERAGE ANNUAL PERCENT CHANGE 1965-1983

Total Personal Income:	9.8%
Net Earnings by Place of Residence:	8.5%
Dividends, Interest, and Rent:	12.5%
Transfer Payments:	14.3%

It is interesting to note that transfer payments, as a component of total personal income, have grown since 1965 at a faster rate than any other single component. Transfer payments consist of government payments to individuals (both civilian and military) for retirement, disability, old age, and medical and health insurance; workers' compensation and unemployment insurance; educational and training assistance, and income maintenance such as aid for dependent children and the food stamp program.

Source: *Detailed Components of Personal Income* (microfiche), U.S. Department of Commerce, Bureau of Economic Analysis, August 1984.

Note: This table is by place of residence (where received); the following table is by place of work (where earned).

OREGON LABOR AND PROPRIETORS' INCOME BY PLACE OF WORK, 1960-1983
(In Millions of Dollars)

	Private Sector			+ Public Sector	+ Other*	= Total Labor & Proprietors' Income	
	Farm	Manuf.	Non-Manuf.	Government		Current $	1972 $
1960	$184.6	$ 808.5	$1,682.0	$ 455.8	$ 69.1	$3,200.0	$4,450.6
1965	184.9	1,056.6	2,319.2	663.6	125.6	4,350.0	5,634.7
1966	211.6	1,156.2	2,497.3	726.7	137.1	4,729.0	5,955.9
1967	202.8	1,175.8	2,607.5	804.6	148.4	4,939.0	6,067.6
1968	202.7	1,310.6	2,803.1	882.8	178.2	5,377.3	6,356.1
1969	241.2	1,432.8	3,040.3	954.1	207.1	5,875.5	6,646.5
1970	225.3	1,448.9	3,184.5	1,092.8	242.6	6,194.0	6,696.2
1971	219.9	1,553.6	3,443.5	1,199.5	285.1	6,701.6	6,944.7
1972	263.9	1,756.7	3,861.3	1,326.1	391.0	7,599.0	7,599.0
1973	428.6	1,981.2	4,298.3	1,457.6	456.0	8,621.7	8,156.8
1974	484.5	2,160.7	4,723.3	1,608.0	529.5	9,505.9	8,173.6
1975	381.0	2,194.9	5,112.5	1,810.9	615.0	10,114.3	8,078.5
1976	354.0	2,571.4	5,871.2	2,011.1	761.2	11,568.9	8,791.0
1977	277.3	2,946.9	6,781.6	2,186.1	941.9	13,133.8	9,414.9
1978	437.0	3,428.8	7,885.0	2,406.1	1,116.0	15,273.0	10,243.5
1979	515.1	3,884.7	8,954.9	2,633.9	1,251.9	17,240.4	10,622.6
1980	520.8	4,014.4	9,547.3	2,862.8	1,378.6	18,324.0	10,236.9
1981	524.1	4,087.7	9,734.0	3,118.5	1,409.3	18,873.6	9,703.7
1982	452.2	3,914.5	9,520.4	3,241.0	1,504.0	18,632.0	9,044.7
1983	475.7	4,129.0	10,105.5	3,364.4	1,670.3	19,744.9	9,243.9

Source: *Detailed Components of Personal Income* (microfiche), U.S. Department of Commerce, Bureau of Economic Analysis, August 1984. Calculations and constant dollar estimates by the Oregon Economic Development Department, Business Information Division.

*Other labor income (e.g., workers' compensation, employers' contribution to private pension funds, group insurance, etc.) data are not available by individual sector (i.e., private versus public sector).

OREGON INCOME BY COUNTY
SELECTED TYPES, 1982

	Total Personal Income (in thousands of dollars)	Per Capita Income (in dollars)	Average Wage and Salary Earnings Per Job (in dollars)
Oregon	$27,078,199	$10,148	$15,733
Baker	142,424	8,675	12,827
Benton	638,052	9,322	14,893
Clackamas	2,711,657	10,876	15,610
Clatsop	317,692	9,679	14,669
Columbia	342,370	9,331	16,800
Coos	560,598	8,989	15,454
Crook	114,615	8,849	13,971
Curry	160,325	9,198	12,882
Deschutes	565,709	8,861	14,095
Douglas	802,646	8,675	15,552
Gilliam	21,996	10,662	10,803
Grant	70,522	8,731	14,066
Harney	67,899	8,993	13,460
Hood River	175,578	10,891	12,179
Jackson	1,191,160	8,821	14,189
Jefferson	111,628	9,092	14,301
Josephine	465,989	7,766	12,754
Klamath	530,706	8,937	14,692
Lake	68,282	8,752	13,568
Lane	2,501,328	9,178	14,904
Lincoln	347,383	9,503	13,025
Linn	806,242	8,908	16,116
Malheur	231,517	8,334	11,432
Marion	2,002,167	9,579	14,207
Morrow	86,387	11,459	13,177
Multnomah	7,156,946	12,649	17,689
Polk	384,771	8,375	13,252
Sherman	19,489	8,643	11,409
Tillamook	203,022	9,376	12,860
Umatilla	540,306	8,948	13,044
Union	213,013	8,656	14,188
Wallowa	68,299	9,135	12,139
Wasco	242,293	10,785	14,426
Washington	2,949,364	11,376	16,679
Wheeler	14,064	9,389	11,501
Yamhill	523,911	9,197	13,990

Source: For county data: *Table 30.00* (microfiche), U.S. Department of Commerce, Bureau of Economic Analysis, April 1984.

For state data: *State Survey Table* (microfiche), U.S. Department of Commerce, Bureau of Economic Analysis, August 1984.

MEDIAN FAMILY INCOME BY COUNTY OR MSA
1969-1983

County	1969	1979	1983	Percent Change 1979-1983	1983 Rank
Oregon	$ 9,489	$20,027	$26,100	30%	
Portland MSA	10,463	22,044	28,800	29.6	1
Salem MSA	8,992	19,275	25,200	30.7	6
Baker	7,557	16,176	21,000	29.8	29
Benton	9,640	21,068	27,500	30.5	2
Clackamas	10,680	23,572	N/A	N/A	N/A
Clatsop	9,430	18,820	24,200	28.6	11
Columbia	9,258	21,096	27,200	28.9	3
Coos	9,243	18,618	23,700	27.3	15
Crook	8,288	17,398	22,400	28.8	23
Curry	8,544	16,827	21,400	27.2	27
Deschutes	8,940	18,718	24,100	28.8	13
Douglas	8,670	18,587	23,600	27.0	16
Gilliam	8,220	17,318	22,500	29.9	22
Grant	7,876	17,177	22,300	29.8	24
Harney	9,003	19,016	24,800	30.4	10
Hood River	8,412	19,508	25,100	28.7	8
Jackson	8,574	17,795	22,600	27.0	21
Jefferson	8,549	16,763	21,600	28.9	26
Josephine	7,449	15,042	19,100	27.0	32
Klamath	8,645	18,046	22,900	26.9	19
Lake	8,801	17,938	22,800	27.1	20
Lane	9,332	19,481	24,900	27.8	9
Lincoln	7,909	17,870	23,300	30.4	17
Linn	8,724	18,523	24,200	30.6	12
Malheur	7,568	15,021	19,600	30.5	31
Marion	9,014	19,211	N/A	N/A	N/A
Morrow	8,425	19,993	26,000	30.0	5
Multnomah	10,138	20,461	N/A	N/A	N/A
Polk	8,891	19,516	N/A	N/A	N/A
Sherman	8,526	16,104	20,700	28.5	30
Tillamook	8,014	17,162	22,100	28.8	25
Umatilla	8,639	18,324	23,800	29.9	14
Union	8,730	17,887	23,200	29.7	18
Wallowa	7,748	16,498	21,400	29.7	28
Wasco	9,025	20,442	26,300	28.7	4
Washington	11,476	24,819	N/A	N/A	N/A
Wheeler	7,293	12,109	15,700	29.7	33
Yamhill	8,633	19,533	25,200	29.0	7

Source: For 1969 and 1979: *General Social and Economic Characteristics–Oregon*, U.S. Department of Commerce, Bureau of the Census, 1972 and 1983. For 1983: *1979 and Estimated 1983 Median Family Income by SMSA's and Non-Metropolitan Counties for State of Oregon*, U.S. Department of Housing and Urban Development, 1983; and *Median Family Income Estimates and Forecasts*, Oregon Department of Commerce, Housing Division, 1983. Calculations by the Oregon Economic Development Department, Business Information Division.

N/A = Not Available

PART TWO

5. Agriculture
6. International Trade
7. Tourism

CHAPTER FIVE

AGRICULTURE

Agriculture is diverse in Oregon. Varied climates and soils allow the production of over 100 different farm commodities.

Oregon State University estimates that in 1983, Oregon gross farm sales were $1.7 billion. Every county in the state is involved with some kind of agricultural production. The Willamette Valley (District 1) leads the state in farm receipts, accounting for 42 percent of the state total in 1983. The mid-Columbia region (District 4) ranks second, with receipts comprising 22 percent of the 1983 state total.

Oregon ranks first in the nation in many agricultural commodities: filberts (hazelnuts), prunes and plums, peppermint, and several types of grass seed and berries. Other important crops in relation to national production are hops, sweet cherries, onions, snap beans, and sweet corn.[4]

Cattle and calves were Oregon's leading agricultural commodity in 1983, with $320 million in gross sales. Wheat followed with $290 million in gross sales. The remainder of Oregon's 1983 agricultural "top ten" were: dairy products, potatoes, nursery crops, alfalfa hay, farm forest, Christmas trees, barley, and winter pears.[5]

According to the 1982 U.S. Census of Agriculture, Oregon had 34,087 farms in 1982. That was a 19.6 percent increase over the 28,503 farms reported in the 1978 Census. Oregon's average farm size is shrinking. In 1982, average farm size was 520 acres, down 17.9 percent from the 633 acres reported by the 1978 Census.[6]

OREGON AGRICULTURAL COMMODITIES
1983 PERCENT DISTRIBUTION*

Commodity	(x $1,000) Value	Percent of Total
All agricultural products	$1,711,865	100.0%
All livestock & products	593,716	34.7
Cattle	290,678	17.0
Dairy	183,147	10.7
Poultry & Eggs	63,187	3.7
All other livestock	56,704	3.3
All crops	1,118,149	65.3
Grains	282,307	16.5
Specialty products	229,012	13.4
Field crops	169,230	9.9
Vegetables & truck crops	119,894	7.0
Tree fruits & nuts	95,621	5.6
All other crops	222,085	13.0

Source: *1983 Oregon County and State Agricultural Estimates,* Oregon State University Extension Service, Special Report No. 676, January 1984.

*Data are preliminary.

AGRICULTURAL COMMODITIES
1983 Percent Distribution

SPECIALTY PRODUCTS 13.4%
LIVESTOCK & POULTRY 34.7%
GRAINS 16.5%
VEGETABLES, FRUITS, NUTS, & BERRIES 15.8%
GRASS & LEGUME SEEDS, HAY 9.8%
FIELD CROPS 9.9%

1983 OREGON GROSS FARM SALES*
by District
In thousands of dollars

County	All Crops	All Livestock	Total
District 1	$ 518,821	$196,695	$ 715,516
Benton	34,258	6,782	41,040
Clackamas	68,839	35,634	104,473
Lane	32,182	23,628	55,810
Linn	67,226	23,758	90,984
Marion	144,199	46,979	191,178
Multnomah	29,837	2,818	32,655
Polk	31,649	12,476	44,125
Washington	66,753	18,192	84,945
Yamhill	43,878	26,428	70,306
District 2	24,788	83,492	108,280
Clatsop	1,505	5,268	6,773
Columbia	7,700	6,374	14,074
Coos	7,664	18,575	26,239
Curry	4,031	2,979	7,010
Lincoln	2,826	1,640	4,466
Tillamook	1,062	48,656	49,718
District 3	47,805	42,591	90,396
Douglas	19,543	15,021	34,564
Jackson	24,169	16,546	40,715
Josephine	4,093	11,024	15,117
District 4	305,799	69,861	375,660
Gilliam	19,822	4,218	24,040
Hood River	37,888	2,234	40,122
Morrow	81,695	23,986	105,681
Sherman	19,408	3,760	23,168
Umatilla	116,079	26,313	142,392
Wasco	30,252	5,922	36,174
Wheeler	655	3,428	4,083
District 5	108,760	85,790	194,550
Baker	5,875	19,024	24,899
Malheur	76,853	48,042	124,895
Union	17,370	7,832	25,202
Wallowa	8,662	10,892	19,554
District 6	112,176	115,287	227,463
Crook	11,735	15,928	27,663
Deschutes	7,107	9,047	16,154
Grant	2,931	10,713	13,644
Harney	3,596	18,120	21,716
Jefferson	31,992	8,958	40,950
Klamath	42,036	34,428	76,464
Lake	12,779	18,093	30,872
STATE TOTAL	$1,118,149	$593,716	$1,711,865

Source: *1983 Oregon County and State Agricultural Estimates,* Oregon State University Extension Service, Special Report No. 676, January 1984.

*Data are preliminary.

1983 OREGON GROSS FARM SALES*
by County
In thousands of dollars
Ranked by Total Farm Sales

Rank	County	All Crops	All Livestock	Total
1.	Marion	$ 144,199	$ 46,979	$ 191,178
2.	Umatilla	116,079	26,313	142,392
3.	Malheur	76,853	48,042	124,895
4.	Morrow	81,695	23,986	105,681
5.	Clackamas	68,839	35,634	104,473
6.	Linn	67,226	23,758	90,984
7.	Washington	66,753	18,192	84,945
8.	Klamath	42,036	34,428	76,464
9.	Yamhill	43,878	26,428	70,306
10.	Lane	32,182	23,628	55,810
11.	Tillamook	1,062	48,656	49,718
12.	Polk	31,649	12,476	44,125
13.	Benton	34,258	6,782	41,040
14.	Jefferson	31,992	8,958	40,950
15.	Jackson	24,169	16,546	40,715
16.	Hood River	37,888	2,234	40,122
17.	Wasco	30,252	5,922	36,174
18.	Douglas	19,543	15,021	34,564
19.	Multnomah	29,837	2,818	32,655
20.	Lake	12,779	18,093	30,872
21.	Crook	11,735	15,928	27,663
22.	Coos	7,664	18,575	26,239
23.	Union	17,370	7,832	25,202
24.	Baker	5,875	19,024	24,899
25.	Gilliam	19,822	4,218	24,040
26.	Sherman	19,408	3,760	23,168
27.	Harney	3,596	18,120	21,716
28.	Wallowa	8,662	10,892	19,554
29.	Deschutes	7,107	9,047	16,154
30.	Josephine	4,093	11,024	15,117
31.	Columbia	7,700	6,374	14,074
32.	Grant	2,931	10,713	13,644
33.	Curry	4,031	2,979	7,010
34.	Clatsop	1,505	5,268	6,773
35.	Lincoln	2,826	1,640	4,466
36.	Wheeler	655	3,428	4,083
STATE TOTAL		$1,118,149	$593,716	$1,711,865

Source: *1983 Oregon County and State Agricultural Estimates,* Oregon State University Extension Service, Special Report No. 676, January 1984.

*Data are preliminary.

OREGON AGRICULTURAL STATISTICS: 1978 VS. 1982

	1978	1982	Percent Change
FARMS			
Number of farms	28,503	34,087	+19.6%
Land in farms (acres)	18,053,960	17,739,782	− 1.7
Average farm size (acres)	633	520	−17.9
LIVESTOCK & POULTRY			
Number of cattle & calves sold	971,474	955,226	− 1.7
Dairy products sold (x $1,000)	105,846	168,279	+59.0
Number of hogs & pigs sold	169,886	172,394	+ 1.5
Number of sheep & lambs sold (including wool)	444,016	734,880	+65.5
Number of broilers & other meat-type chicken sold	17,123,392	14,422,115	−15.8
Number of turkeys sold	1,428,483	1,038,242	−27.3
CROPS			
Wheat for grain harvested (bushels)	45,726,181	58,924,228	+28.9
Barley for grain harvested (bushels)	11,343,609	14,313,160	+26.2
Oats for grain harvested (bushels)	3,465,110	5,267,490	+52.0
Irish potatoes harvested (cwt)	26,818,620	20,354,651	−24.1
Ryegrass seed harvested (pounds)	257,213,413	248,235,623	− 3.5
Hay harvested (tons, dry)	2,509,847	2,482,717	− 1.1
Alfalfa hay harvested (tons, dry)	1,401,374	1,411,544	+ 0.7
Snap beans harvested (acres)	38,204	26,838	−29.8
Green peas harvested (acres)	36,304	30,002	−17.4
Sweet corn harvested (acres)	44,242	48,258	+ 9.1
Orchard land (acres)	82,108	86,742	+ 5.6
Pears harvested (pounds)	306,474,929	327,183,943	+ 6.8
Apples harvested (pounds)	138,840,055	159,497,177	+14.9
Plums & prunes harvested (pounds)	27,554,437	24,330,176	−11.7
Filberts & hazelnuts harvested (pounds in shell)	26,561,834	35,080,319	+32.1
Nursery products harvested (acres)	7,479	11,011	+47.2
Greenhouse products, mushrooms & sod grown for sale: in the open (acres)	17,598	23,046	+31.0
under glass or other protection (sq. ft.)	10,630,546	13,104,272	+23.3

Source: *1982 Census of Agriculture, Oregon State and County Data,* U.S. Department of Commerce, Bureau of the Census, April 1984.

The U.S. Bureau of Economic Analysis reported that Oregon's net farm proprietors' income increased 107 percent between 1970 and 1982. During the same period, Oregon's share of the nation's net farm income increased from 1.0 percent to 1.4 percent.[7]

More information on Oregon agriculture can be found in the Appendix, pages 91 through 101.

CHAPTER SIX

INTERNATIONAL TRADE

Like other aspects of Oregon's economy, international trade first began as a consequence of natural resources: the Pacific Coast and the Columbia River.

International trade was important to Oregon's economy long before statehood, and has expanded over the years. The state's first public port, the Port of Portland, was established in 1891. Today there are 23 public ports along the coast and the Columbia River.

Oregon's total foreign trade amounted to $6.54 billion in 1983. Of that total, exports comprised $3.7 billion and imports $2.8 billion.

Imports comprised 20 percent of Oregon's total foreign trade in 1960. By 1980 imports' share of the state's total foreign trade had risen to 40 percent, reflecting the growing popularity of Oregon as a point of entry for foreign goods.

The Port of Portland is Oregon's largest and busiest port. Portland was visited by 1,179 deep draft vessels and handled 12 million short tons of cargo during 1983. The Port of Portland operates five marine cargo terminals, four dry dock repair facilities, three airports, and three industrial parks.

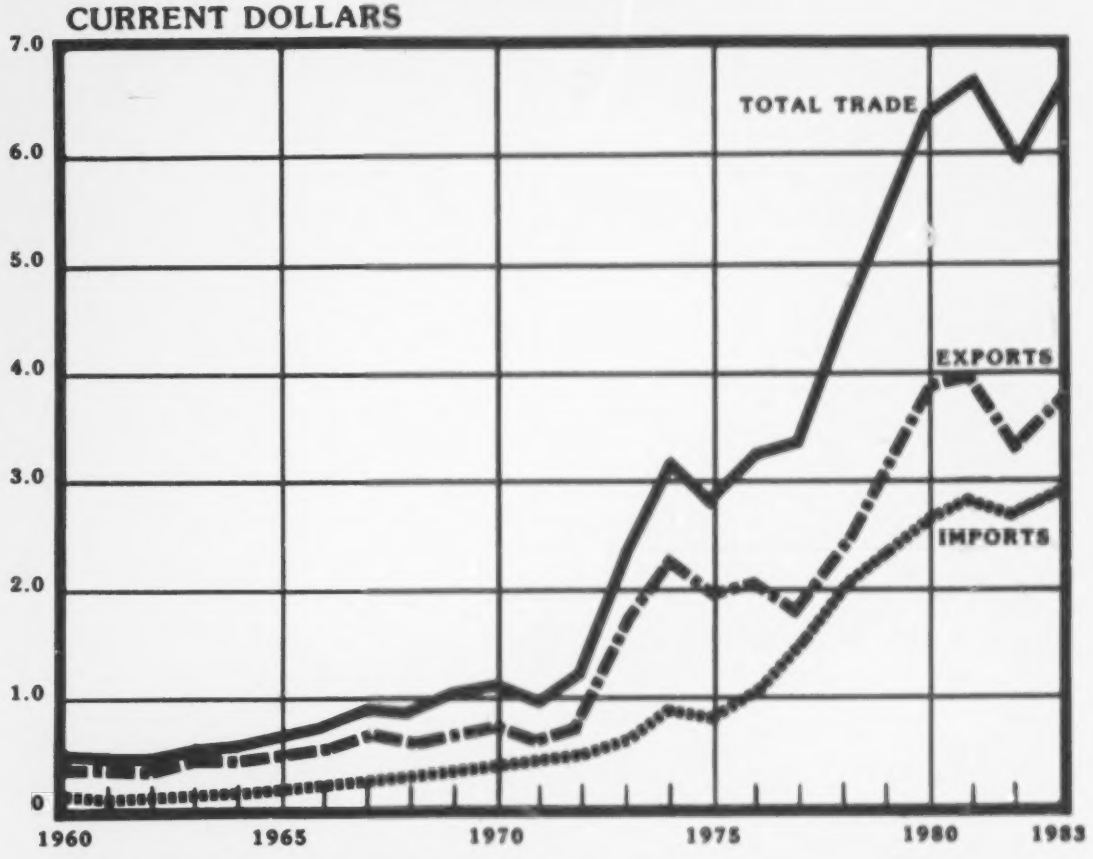
Japan is Oregon's leading trading partner, accounting for 51 percent of the state's total foreign trade in 1983. Other important trading partners are the Republic of Korea, Taiwan, and Australia.

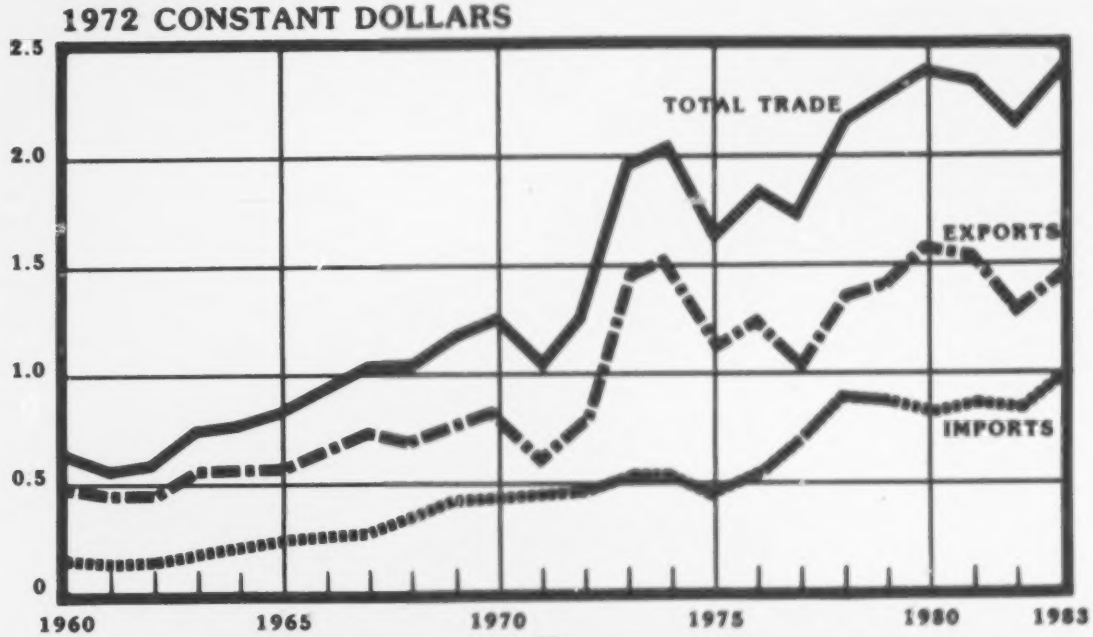
Oregon's major exports in 1983 were wheat, logs, and lumber. The major imports during that year were automobiles and trucks, aluminum oxide, and footwear.

VALUE OF EXPORTS & IMPORTS 1960 - 1983

Oregon Customs District

In Billions of Dollars





VALUE OF EXPORTS AND IMPORTS THROUGH THE OREGON CUSTOMS DISTRICT 1960-1983 (Millions of Dollars)

Year	Exports (Current Dollars)	Exports (1972 Dollars)	Imports (Current Dollars)	Imports (1972 Dollars)	Total (Current Dollars)	Total (1972 Dollars)	Percent Change (Constant Dollar Total)
1960	$ 368.4	$ 476.6	$ 103.4	$132.9	$ 471.8	$ 609.5	N/A
1965	484.9	596.4	170.4	218.7	655.3	815.1	N/A
1966	551.7	658.4	211.0	265.7	762.7	924.1	13.4%
1967	633.7	746.4	220.0	275.3	853.7	1,021.7	10.6
1968	598.3	693.3	284.5	352.5	882.8	1,045.8	2.4
1969	665.8	747.3	357.4	432.7	1,023.2	1,180.0	12.8
1970	784.5	836.4	382.1	432.7	1,166.6	1,269.1	7.6
1971	576.7	594.5	412.5	444.0	989.2	1,038.5	-18.2
1972	791.4	791.1	484.6	484.6	1,276.0	1,276.0	22.9
1973	1,697.2	1,455.6	605.2	512.0	2,302.4	1,967.6	54.2
1974	2,249.0	1,538.3	903.5	509.6	3,152.5	2,047.9	4.1
1975	1,982.2	1,214.6	809.0	411.9	2,791.2	1,626.5	-20.6
1976	2,134.9	1,262.5	1,107.8	549.0	3,242.7	1,811.5	11.4
1977	1,798.3	1,021.2	1,551.4	693.5	3,349.7	1,714.7	- 5.3
1978	2,414.8	1,289.3	2,055.7	888.4	4,470.5	2,177.7	27.0
1979	3,063.6	1,433.6	2,361.8	869.6	5,425.4	2,303.2	5.8
1980	3,761.4	1,591.1	2,623.9	802.7	6,385.3	2,393.8	3.9
1981	3,882.6	1,514.3	2,805.6	855.6	6,688.2	2.369.9	- 1.0
1982	3,316.0	1,289.8	2,631.7	857.5	5,947.7	2,147.3	- 9.4
1983	3,698.9	1,428.7	2,845.4	979.1	6,544.3	2,407.8	12.1

Source: First Interstate Bank of Oregon, International Banking Division, Iola Bliss, Assistant Vice President.

Calculations and constant dollar estimates by the Oregon Economic Development Department, Business Information Division.

TOP 10 EXPORTS AND IMPORTS
OREGON CUSTOMS DISTRICT
1983

Commodity	Dollar Value	Percent of Total
EXPORTS		
Total Exports	$3,698,904,399	100.0%
1. Wheat	1,763,218,476	47.7
2. Logs	312,090,066	8.4
3. Lumber	195,037,428	5.3
4. Yellow Corn	150,937,321	4.1
5. Barley, including malting barley	118,640,331	3.2
6. Wood Chips	113,766,831	3.1
7. Kraft Paper Products & Milk Carton Stock	106,386,783	2.9
8. U.S. Standard Newsprint	87,448,130	2.4
9. Aluminum	80,625,821	2.2
10. Plywood and Veneers	67,808,456	1.8
Other	702,944,756	19.0
IMPORTS		
Total Imports	$2,845,355,190	100.0%
1. Automobiles & Trucks	1,542,589,319	54.2
2. Aluminum Oxide (Alumina)	236,790,567	8.3
3. Footwear	115,224,238	4.0
4. Steel Plates and Sheets	62,633,675	2.2
5. Agricultural Tractors and Forklift Trucks	55,642,601	2.0
6. Tires and Tubes	49,092,743	1.7
7. TV's, Radios, and Related Equipment	44,560,740	1.6
8. Petroleum Products	42,394,695	1.5
9. Measuring, Testing and Control Instruments	41,672,877	1.5
10. Steel Pipe, Fittings, Flanges, Couplings	28,118,704	1.0
Other	626,635,031	22.0

Source: First Interstate Bank of Oregon, International Banking Division, Iola Bliss, Assistant Vice President.

Calculations by the Economic Development Department, Business Information Division.

OREGON'S TWENTY LEADING TRADING PARTNERS, 1983

Country	Oregon Exports (In Dollars)	Oregon Imports (In Dollars)	Total Trade (In Dollars)	Percent of Total
1. Japan	$1,613,127,244	$1,698,843,208	$3,311,970,452	50.6%
2. Republic of Korea	412,238,095	171,893,029	584,131,124	8.9
3. Taiwan	192,546,726	104,623,611	297,170,337	4.5
4. Australia	90,394,529	185,240,083	275,634,612	4.5
5. India	244,903,242	2,758,869	247,662,111	3.8
6. West Germany	18,533,499	191,438,017	209,971,516	3.2
7. Philippines	150,910,572	48,776,062	199,686,634	3.1
8. Indonesia	141,887,922	3,918,169	145,806,091	2.2
9. Egypt	126,416,266	0	126,416,266	1.9
10. People's Republic of China	89,358,901	15,734,080	105,092,981	1.7
11. United Kingdom	42,159,689	40,156,669	82,316,358	1.3
12. Malaysia	43,960,039	34,145,939	78,105,978	1.2
13. Italy	62,814,468	11,154,753	73,969,221	1.1
14. Sweden	4,882,399	67,170,473	72,052,872	1.1
15. Canada	29,435,914	39,951,704	69,387,618	1.1
16. Hong Kong	25,490,826	25,156,686	50,647,512	0.8
17. Netherlands	28,313,739	20,324,910	48,638,649	0.7
18. Yemen (South)	47,989,607	0	47,989,607	0.7
19. Jamaica	0	46,221,193	46,221,193	0.7
20. France	13,346,704	28,651,387	41,998,091	0.6
TOTAL	$3,378,710,381	$2,736,158,842	$6,114,869,223	93.4
Other Countries	$ 320,194,018	$ 109,196,348	$ 429,390,366	6.6
TOTAL TRADE	$3,698,904,399	$2,845,355,190	$6,544,259,589	

Source: First Interstate Bank of Oregon, International Banking Division, Iola Bliss, Assistant Vice President.

Calculations by the Economic Development Department, Business Information Division.

COMMERCE OF MAJOR PORTS, 1983
(In Short Tons)

Port	Foreign Exports	Foreign Imports	Total Foreign
Portland	9,844,953	2,130,106	11,975,059
Coos Bay	3,841,496	213,898	4,055,394
Astoria	578,712	410	579,122

Source: Port of Portland, Port of Coos Bay, and Port of Astoria.

CHAPTER SEVEN

TOURISM

Tourism is considered Oregon's third largest industry, after forest products and agriculture. Oregon's spectacular variety of landscapes is astonishing. On the coast, scenery runs from serene, flat sandy beaches to rugged, rocky outcroppings. Inland, lush mountain forests give way to arid uplands and high desert country. Year-round facilities catering to the travel industry run the spectrum from lavish resort areas to the most rugged wilderness trails; often the two extremes are but a few miles apart. A lively cultural community adds its luster to the state's attractions.

It is difficult to estimate the total contribution of the travel industry to the state's economy: unlike individual economic sectors, tourism is composed of a broad spectrum of other industries such as services, (e.g.: hotels, motels, and other lodging places; amusement and recreational services; museums; auto repair services), retail trade, transportation and even food processing and ultimately agriculture.

The following estimates are of out-of-state tourists. They do not include Oregon residents or business travelers from out-of-state, who contribute significantly to the industry.

OUT-OF-STATE VISITORS TO OREGON
PLEASURE TRAVELERS
1960-1983

	Estimated Number of Pleasure Travelers	Percent Change from Previous Year	Estimated Expenditures (Current Dollars)	Estimated Expenditures (Constant 1972 Dollars)	Percent Change from Previous Year (1972 Dollars)
1960	6,383,850	—	$ 153,425,195	$213,386,919	—
1965	5,792,000	—	181,959,000	235,698,187	—
1966	6,547,000	13.0%	184,200,000	231,989,924	- 1.6%
1967	7,083,000	8.2	190,982,000	234,621,622	1.1
1968	7,550,000	6.6	215,645,000	254,899,527	8.6
1969	7,710,000	2.1	260,964,000	295,208,145	15.7
1970	7,613,500	- 1.3	272,761,000	294,876,757	0.1
1971	9,092,800	19.4	365,506,000	378,762,694	28.4
1972	9,983,130	9.8	435,687,831	435,687,831	15.0
1973	8,889,486	-11.0	417,798,772	395,268,469	- 9.3
1974	8,504,928	- 4.3	457,137,217	393,067,255	- 0.6
1975	8,669,040	1.9	504,813,000	403,205,272	2.6
1976*	9,926,000	14.5	441,320,300	335,349,772	-16.8
1977	10,871,555	9.5	514,246,125	368,635,215	9.9
1978	12,108,368	11.4	726,319,423	487,135,763	32.1
1979	11,292,721	- 6.7	789,773,026	486,613,078	0.1
1980	10,931,436	- 3.2	840,822,531	469,733,258	- 3.5
1981**	11,921,200	9.1	1,268,972,000	652,427,763	38.9
1982	11,798,000	- 1.0	1,411,600,000	685,242,718	5.0
1983	12,897,200	9.3	1,560,965,000	730,788,858	6.6

Source: Out-of-State Travel Revenue Report, compiled by Oregon Department of Transportation, Planning Section, for Oregon Economic Development Department, Tourism Division.

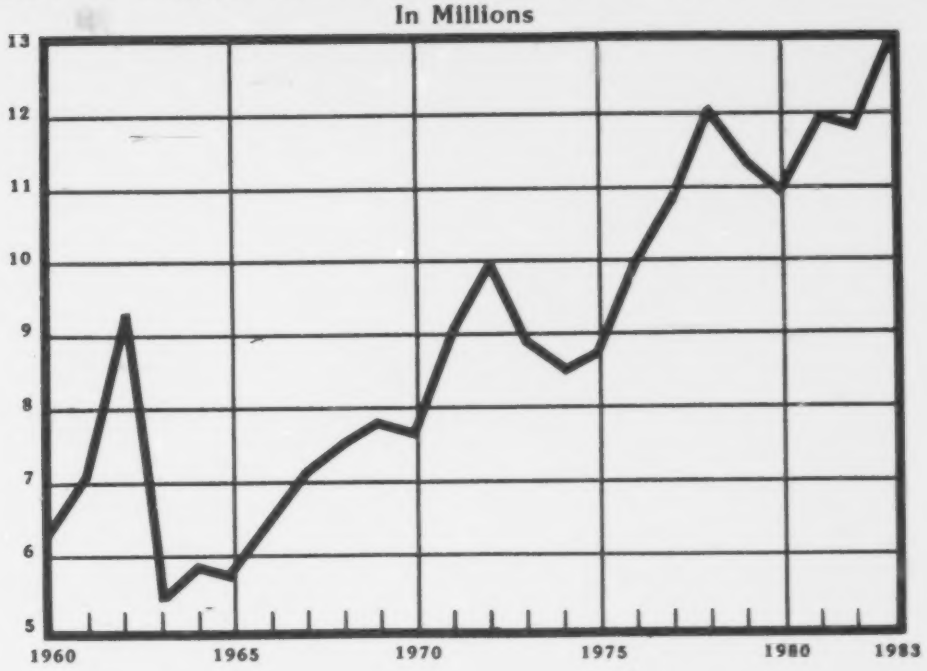
Calculations and constant dollar estimates by the Oregon Economic Development Department, Business Information Division.

*Decrease in revenue influenced by a change in methodology beginning in 1976.
**Increased revenue influenced by updated information on average length of stay.

NOTE: Data prior to 1972 include tourists traveling by automobile only. From 1972 to present, data include tourists traveling by air and automobile.

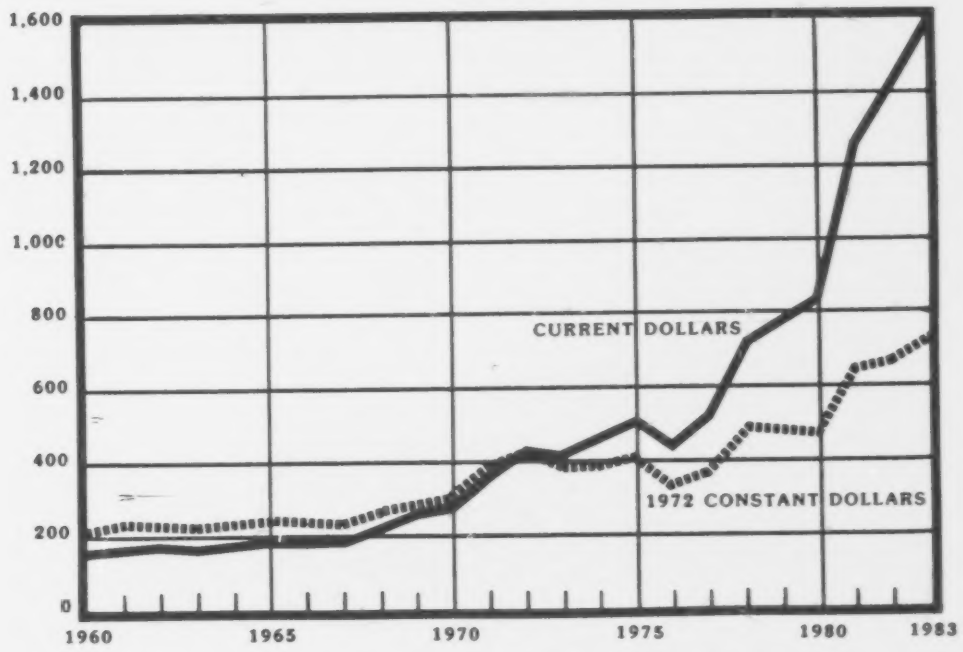
OUT OF STATE TOURISTS VISITING OREGON 1960 - 1983

In Millions



EXPENDITURES BY OUT OF STATE TOURISTS 1960 - 1983[1]

In Millions of Dollars



1. Figures for 1976 and 1981 were affected by changes in methodology.

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OREGON GROSS STATE PRODUCT BY INDUSTRY, 1958-69
(In Millions of Dollars)1/

	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Gross State Product	4,212.6	4,685.0	4,831.7	4,933.0	5,310.8	5,676.7	6,170.6	6,801.2	7,382.0	7,726.5	8,531.5	9,234.2
Farm	248.4	266.2	264.2	237.7	254.0	248.4	236.8	252.8	282.7	284.3	279.4	334.7
Manufacturing	1,046.3	1,221.6	1,200.8	1,200.2	1,281.2	1,384.4	1,535.6	1,695.4	1,841.1	1,886.6	2,148.6	2,393.3
Nondurable Goods	313.8	347.1	353.7	364.4	378.1	394.5	413.8	450.8	498.1	521.4	565.3	616.5
Food Processing	165.3	178.5	183.2	192.2	196.8	203.8	210.4	226.6	251.4	262.9	277.4	300.9
Textile Mills	12.5	15.0	15.1	12.6	14.8	14.9	16.1	18.2	17.6	17.4	19.3	20.6
Apparel	11.0	11.7	12.3	12.3	13.4	14.6	15.4	16.5	16.5	16.7	18.4	20.8
Paper & Allied	64.2	72.6	71.7	73.2	76.2	79.2	82.5	91.8	104.6	112.6	126.5	141.1
Printing	38.7	41.7	42.3	43.1	44.7	45.9	51.2	54.0	58.7	60.3	65.7	71.5
Chemicals	13.8	18.0	18.3	20.1	20.5	22.6	24.6	28.0	31.7	31.0	34.5	36.2
Petrol. & Related	3.7	4.6	5.4	5.6	6.1	6.9	6.9	9.0	9.3	10.9	11.8	11.7
Rubber & Plastics	3.9	4.2	4.5	4.5	4.7	5.5	5.6	5.6	6.9	8.0	10.0	12.0
Leather	0.7	0.8	0.9	0.8	0.9	1.1	1.1	1.1	1.4	1.6	1.7	1.7
Durable Goods	732.5	874.5	847.1	835.8	903.1	989.9	1,121.8	1,244.6	1,343.0	1,365.2	1,583.3	1,776.8
Lumber & Wood	504.5	600.6	560.4	540.4	577.7	631.7	718.2	770.1	766.0	777.6	926.7	1,017.0
Furniture	11.5	14.0	14.8	15.1	16.6	17.4	19.0	22.5	25.6	24.2	28.3	32.5
Stone, Clay & Glass	23.9	26.4	28.3	27.8	29.8	34.6	35.7	37.8	38.9	36.3	38.3	42.7
Primary Metals	48.1	56.4	57.4	55.0	55.4	58.0	68.0	77.3	92.7	95.6	97.7	110.9
Fabricated Metals	40.9	45.4	46.4	46.3	48.7	55.3	61.7	74.1	86.7	95.5	102.8	116.1
Machinery	40.9	51.8	51.7	50.8	57.5	62.5	74.3	85.2	103.9	104.6	117.0	145.4
Electrical Machinery	21.2	30.4	34.9	42.3	48.7	49.6	52.4	67.2	84.6	90.0	95.9	113.3
Instruments	4.0	4.5	5.1	5.7	6.6	7.5	8.9	10.8	18.1	18.8	24.4	28.5
Transportation Equip.	29.2	35.9	39.1	42.7	51.6	61.7	72.1	86.8	112.8	107.3	135.3	151.7
Motor Veh. & Equip.	9.7	16.0	17.5	16.9	23.1	29.0	34.6	46.6	51.7	45.6	59.1	72.4
Miscellaneous Manuf.	8.3	9.1	9.0	9.7	10.5	11.6	11.5	12.8	13.7	15.3	16.9	18.7
Nonmanufacturing	2,468.0	2,712.1	2,840.2	2,931.9	3,164.9	3,378.9	3,685.6	4,077.9	4,399.2	4,608.5	5,059.2	5,361.7
Agricultural Services	18.6	18.2	18.2	18.7	22.0	22.4	27.0	30.5	36.1	35.5	35.5	39.6
Mining	23.0	21.4	20.8	21.8	24.8	27.8	32.8	36.4	39.0	34.6	36.2	33.6
Construction	215.6	244.3	255.0	258.0	273.2	317.6	333.0	399.6	424.6	408.3	431.0	471.8
Transportation	240.8	255.3	257.8	260.5	280.6	296.9	323.7	359.4	388.0	391.7	412.6	433.0
Communications	96.6	106.3	113.2	121.3	132.1	139.1	148.2	163.4	175.4	188.0	203.3	215.5
Utilities	117.2	124.3	135.3	146.1	161.6	167.7	181.0	191.7	197.9	205.3	215.7	231.9
Wholesale Trade	306.7	354.1	370.7	371.6	398.8	418.9	468.9	519.3	574.8	600.1	675.6	741.2
Retail Trade	496.7	546.9	568.2	579.1	624.9	657.4	720.7	775.7	815.4	864.4	938.3	1,014.9
Fin., Ins., & Real Est.	572.9	606.7	651.4	678.5	737.3	788.5	848.5	942.4	1,013.9	1,086.8	1,164.1	1,231.0
Services	379.9	434.6	449.6	476.3	509.6	542.6	601.8	659.5	734.1	793.8	856.9	949.2
Government	449.9	485.1	526.5	563.2	610.7	665.0	712.6	775.1	859.0	947.1	1,044.3	1,144.5

1 Industrial Classification is according to the 1967 Standard Industrial Classification (SIC) Manual

Source: Administration and Research Division, Oregon Economic Development Department

OREGON ESTIMATED GROSS STATE PRODUCT BY INDUSTRY, 1970-80
(In Millions of Dollars)

	1970[2]	1971[2]	1972[2]	1973[2]	1974[2]	1975[2]	1976[2]	1977[2]	1978[2]	1979[2]	1980[2]
Gross State Product	9,584.8	10,486.7	11,966.9	13,654.6	14,936.8	15,995.8	19,062.3	21,289.6	24,658.0	27,779.7	29,898.8
Farm	322.2	324.0	377.5	577.6	737.4	643.8	652.8	539.2	797.0	978.6	1,242.5
Manufacturing	2,363.9	2,601.4	3,072.7	3,572.0	3,741.2	3,700.5	4,284.8	4,998.3	5,768.6	6,357.0	6,394.5
Nondurable Goods	648.3	691.4	751.7	829.8	929.7	1,031.1	1,133.2	1,264.3	1,334.7	1,514.0	1,609.0
Food Processing	319.8	342.4	356.1	373.3	407.6	491.9	501.0	549.0	581.2	633.6	684.3
Textile Mills	22.3	22.8	23.8	25.4	28.2	25.3	29.4	33.0	34.4	37.8	36.5
Apparel	22.6	23.0	25.5	27.5	28.9	32.2	36.0	40.9	42.7	44.9	45.5
Paper & Allied	146.2	152.1	177.3	206.0	247.2	251.1	298.7	333.8	328.3	405.2	438.2
Printing	73.0	80.4	90.8	104.1	110.4	123.4	142.0	166.6	189.9	217.0	238.5
Chemicals	36.0	38.6	42.5	46.9	52.8	58.6	69.1	71.1	76.1	80.6	80.9
Petrol. & Related	16.2	17.3	17.6	25.0	30.0	21.2	29.3	28.3	35.9	43.7	40.7
Rubber & Plastics	10.6	13.1	16.3	20.5	22.3	25.2	30.4	39.6	47.5	53.1	52.5
Leather	1.6	1.7	1.8	2.1	2.3	2.2	3.4	3.8	4.5	4.8	5.6
Durable Goods	1,715.6	1,910.0	2,321.0	2,742.2	2,811.5	2,669.4	3,056.6	3,637.3	4,333.0	4,716.6	4,651.5
Lumber & Wood	1,000.5	1,146.7	1,438.4	1,708.7	1,645.1	1,458.2	1,904.8	2,232.5	2,641.7	2,814.0	2,461.3
Furniture	29.6	33.0	39.2	40.7	38.0	43.9	41.6	47.6	56.4	54.7	50.5
Stone, Clay & Glass	41.6	51.9	60.4	63.3	64.6	68.1	82.7	93.3	116.9	136.7	147.1
Primary Metals	110.3	112.8	125.7	154.9	217.0	220.9	227.0	269.8	338.4	392.4	433.8
Fabricated Metals	110.6	112.9	129.8	151.4	171.2	187.8	213.7	255.9	318.6	360.1	374.7
Machinery	146.6	143.8	164.0	197.4	219.8	237.1	261.4	344.6	406.1	489.5	547.2
Electrical Machinery	112.7	108.1	129.5	156.0	172.8	51.9	62.1	85.8	121.9	184.5	253.2
Instruments	24.0	29.5	34.4	41.3	43.8	188.3	222.5	274.1	352.8	396.3	470.1
Transportation Equip.	120.5	149.1	174.3	202.4	214.0	183.4	236.0	241.8	311.6	330.8	284.2
Motor Veh. & Equip.	49.8	68.2	84.9	91.5	87.7	68.6	97.2	131.0	161.2	176.3	125.1
Miscellaneous Manuf.	19.2	22.2	25.3	26.1	25.2	29.8	33.0	37.5	40.1	40.3	44.2
Nonmanufacturing	5,602.4	6,142.6	6,944.2	7,787.3	8,558.7	9,496.6	10,847.6	12,800.5	14,917.5	16,883.4	18,128.2
Agricultural Services, etc.	43.4	45.7	56.1	64.5	78.4	79.3	102.0	118.5	157.7	190.9	192.7
Mining	33.6	40.8	43.1	56.9	75.6	78.6	62.5	79.1	114.3	132.3	161.4
Construction	464.2	512.2	633.6	685.0	761.1	794.5	931.5	1,146.1	1,413.2	1,653.8	1,591.2
Transportation	453.1	481.0	547.2	613.1	665.4	666.5	782.2	891.5	1,006.7	1,119.5	1,208.2
Communications	235.3	263.7	299.1	332.7	354.7	399.4	457.0	518.3	605.6	672.9	748.0
Utilities	241.8	278.0	295.3	315.9	327.1	407.7	460.6	527.9	591.1	628.1	764.8
Wholesale Trade	754.2	814.4	953.9	1,120.8	1,289.0	1,396.7	1,515.5	1,713.8	2,002.4	2,263.4	2,410.7
Retail Trade	1,073.1	1,195.7	1,329.4	1,482.6	1,568.2	1,851.0	2,081.2	2,380.1	2,717.9	3,000.6	3,153.4
Fin., Ins., & Real Est.	1,266.6	1,388.4	1,528.3	1,693.7	1,848.8	2,003.8	2,348.6	3,019.3	3,534.0	4,060.3	4,332.4
Services	1,037.1	1,122.7	1,258.2	1,422.1	1,590.4	1,819.1	2,106.5	2,405.9	2,774.6	3,161.6	3,565.4
Government	1,296.3	1,418.7	1,572.5	1,717.7	1,899.5	2,154.9	2,430.5	2,638.2	2,920.0	3,199.9	3,479.5

2 Revised

(D) Not shown to avoid disclosure of confidential information.

Years 1970-74 based on 1967 Standard Industrial Classification (S.I.C.) Manual. 1975 to most recent years based on 1972 S.I.C. Manual.

Source: Oregon Economic Development Department, Business Information Division, November 1984. Based on data provided by U.S. Department of Commerce, Bureau of Economic Analysis.

Note: Columns may not add to total due to rounding.

8324E

OREGON ESTIMATED GROSS STATE PRODUCT BY INDUSTRY, 1981-83
(In Millions of Dollars)

	1981[1]	1982[1]	1983[1]
Gross State Product	32,361.1	32,202.6	34,458.7
Farm	1,128.1	1,099.4	1,177.0
Manufacturing	6,618.7	6,266.4	6,916.2
Nondurable Goods	1,762.4	1,803.7	1,956.3
Food Processing	758.8	774.0	796.8
Textile Mills	36.5	37.9	38.5
Apparel	45.9	47.6	50.6
Paper & Allied	475.3	453.6	482.3
Printing	267.2	278.4	317.5
Chemicals	79.5	73.5	86.8
Petrol. & Related	36.2	(D)	(D)
Rubber & Plastics	59.9	57.1	67.6
Leather	6.3	(D)	(D)
Durable Goods	4,724.7	4,316.5	4,783.8
Lumber & Wood	2,067.6	1,847.3	2,397.4
Furniture	53.3	(D)	(D)
Stone, Clay & Glass	126.6	109.3	114.4
Primary Metals	453.3	330.8	351.5
Fabricated Metals	357.3	327.3	349.5
Machinery	612.5	590.4	561.8
Electrical Machinery	281.8	298.4	342.8
Instruments	492.3	529.7	481.5
Transportation Equip.	292.5	279.1	(D)
Motor Veh. & Equip.	135.5	123.9	179.4
Miscellaneous Manuf.	64.6	64.4	61.0
Nonmanufacturing	18,822.9	18,543.4	19,829.4
Agricultural Services, etc.	176.4	175.1	190.2
Mining	180.3	133.0	130.4
Construction	1,311.6	1,066.2	1,048.3
Transportation	1,242.3	1,216.5	1,327.0
Communications	834.1	882.2	942.4
Utilities	882.9	941.5	1,014.9
Wholesale Trade	2,557.9	2,383.8	2,573.2
Retail Trade	3,354.9	3,344.1	3,663.4
Fin., Ins., & Real Est.	4,374.4	4,286.9	4,483.5
Services	3,908.1	4,114.1	4,456.1
Government	3,811.9	3,975.5	4,186.4

1 Preliminary

(D) Not shown to avoid disclosure of confidential information.

Years 1970-74 based on 1967 Standard Industrial Classification (S.I.C.) Manual. 1975 to most recent years based on 1972 S.I.C. Manual.

Source: Oregon Economic Development Department, Business Information Division, November 1984. Based on data provided by U.S. Department of Commerce, Bureau of Economic Analysis.

Note: Columns may not add to total due to rounding.

6952E

OREGON GROSS STATE PRODUCT BY INDUSTRY, 1958-69
(In Millions of 1972 Constant Dollars)

	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Gross State Product	6,397.8	6,997.7	7,131.4	7,176.0	7,576.0	8,059.6	8,704.9	9,385.8	9,818.5	9,955.2	10,326.4	10,614.1
Farm	352.5	389.2	382.3	341.0	358.8	358.4	354.5	343.9	349.9	380.6	359.6	394.7
Manufacturing	1,310.5	1,510.4	1,470.4	1,441.1	1,507.1	1,702.5	2,017.0	2,222.7	2,338.3	2,350.6	2,504.6	2,601.6
Nondurable Goods	388.5	416.8	418.6	427.4	443.6	473.7	486.4	524.4	564.3	567.7	600.2	644.8
Food Processing	205.3	211.0	217.1	223.0	229.6	243.5	241.3	259.9	282.5	284.2	289.3	308.3
Textile Mills	12.9	14.7	14.2	12.2	14.2	17.6	18.3	20.2	19.5	18.8	19.5	20.2
Apparel	14.2	15.0	15.7	15.2	16.2	17.7	18.4	19.7	19.4	18.5	19.5	20.7
Paper	76.3	87.2	83.0	85.3	87.9	89.9	94.6	103.6	113.7	115.0	132.7	148.5
Printing	56.7	60.1	58.8	59.6	61.1	65.3	71.6	73.8	76.8	77.2	79.2	82.9
Chemicals	12.8	16.7	17.1	18.7	19.3	22.3	24.9	28.4	32.0	31.7	35.2	37.1
Petrol & Related	5.2	6.1	6.3	7.1	8.5	9.1	8.8	10.4	10.4	11.3	11.9	12.0
Rubber & Plastics	4.2	4.9	5.3	5.3	5.6	6.9	7.1	7.0	8.3	9.2	11.1	13.3
Leather	0.9	1.1	1.1	1.0	1.2	1.4	1.4	1.4	1.7	1.8	1.8	1.8
Durable Goods	922.0	1,093.6	1,051.8	1,013.7	1,063.5	1,264.8	1,530.6	1,698.3	1,774.0	1,782.0	1,904.4	1,956.8
Lumber & Wood	620.5	739.7	685.9	659.8	658.7	814.0	1,024.5	1,111.3	1,072.8	1,090.6	1,156.9	1,113.9
Furniture	15.4	18.8	19.8	19.2	20.8	21.6	23.5	27.6	30.4	27.0	31.0	34.7
Stone, Clay & Glass	31.8	34.5	37.0	36.9	39.5	46.4	47.7	50.4	51.2	47.3	47.1	49.8
Primary Metals	69.9	80.2	79.5	77.5	76.8	81.6	94.4	104.6	121.7	121.6	122.0	131.7
Fabricated Metals	56.3	63.3	64.3	63.3	65.9	74.1	81.7	95.9	108.0	114.0	119.1	133.1
Machinery	56.4	70.1	69.3	67.5	75.5	82.0	95.6	107.3	126.4	123.3	131.8	157.5
Electrical Machinery	19.7	28.1	32.9	40.6	47.7	51.9	56.1	74.4	96.1	97.6	103.0	122.4
Instruments	4.8	5.3	6.0	6.5	7.5	8.7	10.4	12.6	20.2	20.2	25.5	29.9
Transportation Equip.	37.1	42.3	46.1	50.0	58.4	70.5	82.9	98.9	131.1	124.0	149.3	163.3
Motor Veh. & Equip.	10.7	16.3	17.6	16.1	21.1	26.8	33.3	46.8	54.1	49.0	61.1	74.0
Miscellaneous Manuf.	10.1	11.3	11.0	11.6	12.7	14.0	13.8	15.3	16.1	17.3	18.7	20.5
Nonmanufacturing	3,763.1	4,089.6	4,217.2	4,285.2	4,555.7	4,800.5	5,100.5	5,527.4	5,769.0	5,806.2	6,023.8	6,141.0
Agricultural Services	44.7	42.9	42.1	41.8	42.5	44.2	46.5	49.8	55.6	51.3	46.3	46.6
Mining	24.4	23.1	22.3	23.2	27.0	31.0	37.0	42.4	45.6	44.9	41.6	38.0
Construction	432.7	486.7	506.0	501.0	515.5	579.6	590.9	662.7	646.3	581.6	593.7	568.4
Transportation	327.2	345.5	347.4	345.0	367.3	392.7	417.7	463.1	500.6	489.0	514.5	513.6
Communications	116.2	123.9	130.9	138.5	150.3	155.4	163.9	182.0	196.6	208.2	224.9	237.6
Utilities	140.7	148.0	158.2	170.7	187.7	195.2	211.9	224.7	232.0	241.0	254.4	269.7
Wholesale Trade	383.9	441.5	459.4	462.2	494.2	519.1	571.1	630.2	678.6	699.4	765.1	809.2
Retail Trade	774.9	831.2	855.7	849.1	914.9	954.1	1,012.2	1,077.4	1,110.9	1,104.0	1,133.2	1,131.4
Fin., Ins., & Real Est.	832.7	888.3	933.2	965.1	1,037.0	1,080.1	1,138.9	1,235.1	1,281.8	1,327.0	1,369.5	1,408.5
Services	685.7	758.5	762.0	788.6	819.3	849.1	910.4	960.0	1,021.0	1,059.8	1,080.6	1,118.0
Government	971.7	1,008.5	1,061.5	1,108.7	1,154.4	1,198.2	1,232.9	1,291.8	1,361.3	1,417.8	1,438.4	1,476.8

Industrial Classification is according to the 1967 Standard Industrial Classification (S.I.C.) Manual.

Source: Oregon Economic Development Department, Business Information Division, November 1984. Based on data provided by U.S. Department of Commerce, Bureau of Economic Analysis.

Note: Columns may not add to total due to rounding.

OREGON ESTIMATED GROSS STATE PRODUCT BY INDUSTRY, 1970-80
(In Millions of 1972 Constant Dollars)

	1970[2]	1971[2]	1972[2]	1973[2]	1974[2]	1975[2]	1976[2]	1977[2]	1978[2]	1979[2]	1980[2]
Gross State Product	10,565.2	11,015.2	11,966.9	12,782.9	12,976.6	12,878.6	14,408.4	15,196.0	16,395.0	17,001.0	16,750.0
Farm	388.7	383.4	377.5	366.0	490.9	443.1	456.8	369.3	422.6	467.3	642.8
Manufacturing	2,566.3	2,690.3	3,072.7	3,376.2	3,340.1	3,079.4	3,313.8	3,648.4	3,792.9	4,141.4	3,859.1
Nondurable Goods	641.2	678.9	751.7	849.2	843.6	802.6	865.0	920.8	924.3	992.8	980.5
Food Processing	309.9	327.0	356.1	403.1	381.3	374.9	391.7	398.7	401.7	432.2	440.9
Textile Mills	22.7	23.5	23.8	24.6	22.7	21.0	23.5	26.4	26.9	28.0	26.4
Apparel	20.8	20.9	25.5	28.1	29.0	30.3	31.6	33.5	34.6	34.4	33.5
Paper	143.3	153.8	177.3	199.0	217.6	189.5	215.0	232.9	212.2	241.5	237.5
Printing	78.9	82.6	90.8	101.5	100.5	101.5	106.7	114.9	121.2	128.6	130.8
Chemicals	36.3	38.5	42.5	47.3	48.0	47.3	53.6	53.1	54.8	56.1	50.9
Petrol & Related	16.6	17.7	17.6	22.8	21.3	14.3	15.8	15.8	18.9	20.1	16.7
Rubber & Plastics	11.1	13.3	16.3	20.7	21.1	21.8	25.0	30.8	35.4	36.7	35.5
Leather	1.6	1.6	1.8	2.1	2.1	2.0	2.9	3.0	3.2	3.3	3.1
Durable Goods	1,925.1	2,011.4	2,321.0	2,527.0	2,496.5	2,276.8	2,384.2	2,656.9	2,973.9	3,060.7	2,790.3
Lumber & Wood	1,166.1	1,234.3	1,438.4	1,498.9	1,426.8	1,307.8	1,481.2	1,540.7	1,560.4	1,560.7	1,429.3
Furniture	28.9	32.1	39.2	39.1	34.7	36.1	33.8	36.7	40.2	37.7	32.4
Stone, Clay & Glass	46.8	53.6	60.4	62.1	59.3	55.1	62.6	62.7	73.2	80.2	80.8
Primary Metals	123.5	122.5	125.7	157.7	177.4	150.3	150.2	163.5	184.8	200.6	199.7
Fabricated Metals	122.6	116.6	129.8	146.8	143.3	131.8	147.9	171.0	196.7	209.5	200.2
Machinery	153.3	145.1	164.0	195.3	205.8	188.5	201.4	240.8	272.0	309.0	321.5
Electrical Machinery	115.8	107.9	129.5	156.5	165.4	44.1	51.3	64.4	90.2	134.8	172.6
Instruments	24.3	29.4	34.4	41.5	44.4	175.2	194.8	245.4	281.3	299.5	301.3
Transportation Equip.	123.6	147.5	174.3	202.9	215.1	162.1	194.3	200.7	244.9	245.9	195.7
Motor Veh. & Equip.	48.5	65.3	84.9	95.8	101.0	69.1	91.9	117.8	140.5	146.6	102.1
Miscellaneous Manuf.	20.2	22.4	25.3	26.2	24.3	25.8	27.0	29.4	30.2	29.2	27.6
Nonmanufacturing	6,090.5	6,401.1	6,944.2	7,430.9	7,469.1	7,604.1	8,260.6	9,142.2	9,909.7	10,398.4	10,185.1
Agricultural Services, etc.	49.4	47.4	56.1	60.3	71.8	61.8	71.1	72.7	96.3	111.8	102.6
Mining	36.1	43.2	43.1	50.2	45.1	38.2	27.8	32.6	44.1	41.3	36.3
Construction	506.8	553.7	633.6	621.0	586.4	549.1	641.5	727.2	813.1	832.3	693.9
Transportation	499.0	489.8	547.2	591.2	598.4	554.0	600.3	637.7	674.7	689.3	640.3
Communications	257.7	277.9	299.1	324.0	331.5	361.8	394.0	435.9	495.6	544.9	588.5
Utilities	273.2	298.0	295.3	305.5	295.2	315.6	324.6	342.3	357.6	378.2	399.6
Wholesale Trade	797.3	842.2	953.9	1,030.1	1,032.0	1,047.8	1,098.2	1,187.7	1,320.8	1,362.7	1,318.8
Retail Trade	1,138.0	1,212.7	1,329.4	1,479.3	1,416.6	1,482.8	1,620.9	1,748.8	1,866.7	1,925.9	1,875.9
Fin., Ins., & Real Est.	1,385.8	1,443.2	1,528.3	1,623.9	1,688.4	1,742.4	1,917.2	2,270.1	2,423.8	2,599.4	2,560.5
Services	1,147.2	1,193.0	1,258.2	1,345.4	1,403.7	1,450.6	1,565.0	1,687.2	1,817.0	1,912.6	1,968.7
Government	1,519.7	1,540.4	1,572.5	1,609.8	1,675.5	1,752.0	1,827.4	1,863.1	1,935.0	1,993.7	2,005.5

2 Revised

(D) Not shown to avoid disclosure of confidential information.

Years 1970-74 based on 1967 Standard Industrial Classfication (S.I.C.) Manual. 1975 to most recent years based on 1972 S.I.C. Manual.

Source: Oregon Economic Development Department, Business Information Division, November 1984. Based on data provided by U.S. Department of Commerce, Bureau of Economic Analysis.

Note: Columns may not add to total due to rounding.

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OREGON ESTIMATED GROSS STATE PRODUCT BY INDUSTRY, 1981-83
(In Millions of 1972 Constant Dollars)

	1981[1/]	1982[1/]	1983[1]
Gross State Product	16,544.5	15,526.8	15,997.6
Farm	562.1	570.2	646.7
Manufacturing	3,699.7	3,345.7	3,574.3
Nondurable Goods	984.6	944.8	965.6
Food Processing	438.1	445.8	438.5
Textile Mills	24.6	25.2	24.6
Apparel	31.3	29.9	31.1
Paper & Allied	239.5	227.6	241.4
Printing	137.0	132.5	138.2
Chemicals	44.6	37.4	43.6
Petrol. & Related	14.8	(D)	(D)
Rubber & Plastics	37.9	34.7	40.1
Leather	3.2	(D)	(D)
Durable Goods	2,642.4	2,334.5	2,555.4
Lumber & Wood	1,215.5	1,112.2	1,278.6
Furniture	31.7	(D)	(D)
Stone, Clay & Glass	66.1	54.6	55.2
Primary Metals	191.3	138.4	148.4
Fabricated Metals	175.8	154.1	167.2
Machinery	345.1	320.9	309.5
Electrical Machinery	181.9	189.0	210.6
Instruments	297.1	307.1	274.5
Transportation Equip.	175.2	151.4	(D)
Motor Veh. & Equip.	93.6	80.0	111.2
Miscellaneous Manuf.	36.8	33.8	33.4
Nonmanufacturing	9,770.9	8,753.4	9,162.2
Agricultural Services, etc.	91.7	87.3	90.9
Mining	30.7	23.0	24.4
Construction	534.9	421.3	402.7
Transportation	591.6	524.6	545.8
Communications	605.3	587.7	601.0
Utilities	411.8	377.5	370.1
Wholesale Trade	1,311.7	1,211.3	1,286.0
Retail Trade	1,843.3	1,716.7	1,816.3
Fin., Ins., & Real Est.	2,367.1	2,166.2	2,095.1
Services	1,982.8	1,637.8	1,929.9
Government	2,008.4	1,939.3	1,903.8

1 Preliminary

(D) Not shown to avoid disclosure of confidential information.

Years 1970-74 based on 1967 Standard Industrial Classification (S.I.C.) Manual. 1975 to most recent years based on 1972 S.I.C. Manual.

Source: Oregon Economic Development Department, Business Information Division, November 1984. Based on data provided by U.S. Department of Commerce, Bureau of Economic Analysis.

Note: Columns may not add to total due to rounding.

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OREGON LABOR FORCE AND EMPLOYMENT, ANNUAL AVERAGES, 1960-69 (In Thousands)

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Civilian labor force	718.3	726.6	736.1	752.9	777.7	813.6	843.4	859.1	882.7	912.7
Workers in labor-management disputes	0.7	0.5	0.6	2.0	0.2	0.5	0.7	0.3	0.6	0.5
Unemployment	35.3	46.8	40.5	38.2	39.2	37.3	35.4	41.3	38.6	40.0
Percent of labor force unemployed	4.9	6.4	5.5	5.1	5.0	4.6	4.2	4.8	4.4	4.4
Employment	682.3	679.3	695.0	712.7	738.3	775.8	807.3	817.5	843.5	872.2
Agricultural	76.2	71.4	69.3	65.6	62.7	61.6	60.6	60.2	57.4	55.9
Nonagricultural	606.1	607.9	625.7	647.1	675.6	714.2	746.7	757.3	786.1	816.3
Self-employed, unpaid family, and domestics	96.9	98.8	97.7	98.4	102.6	106.8	107.4	106.3	108.2	109.0
Wage and salary workers	509.2	509.1	528.0	548.7	573.0	607.4	639.3	651.0	677.9	707.3
Manufacturing, total	144.4	139.1	143.4	145.1	151.7	158.2	167.2	165.4	173.7	180.5
Durable goods, total	103.0	98.5	102.2	104.0	110.3	115.4	122.2	118.7	125.8	130.9
Lumber and wood products	71.9	67.1	68.9	69.2	73.2	74.2	73.0	69.4	72.4	71.0
Logging and sawmills	44.3	39.1	39.4	39.0	40.1	39.4	37.7	36.0	37.3	36.7
Veneer and plywood	21.9	22.6	24.0	24.2	26.5	27.6	27.6	25.4	26.1	25.3
Furniture and fixtures	2.3	2.4	2.5	2.6	2.7	3.0	3.4	3.2	3.7	3.8
Stone, clay and glass products	2.7	2.7	2.8	3.1	3.1	3.2	3.3	3.1	3.0	3.1
Primary metals	5.7	5.5	5.4	5.3	5.7	6.1	6.8	7.0	7.2	7.9
Fabricated metal products	5.0	4.7	4.7	5.2	5.6	6.4	7.1	7.2	7.6	8.2
Machinery (except electrical)	5.2	4.9	5.3	5.7	6.2	7.1	8.1	8.2	8.8	10.6
Electrical machinery	4.5	5.4	6.3	6.3	6.0	6.5	8.8	9.2	9.6	10.8
Transportation equipment	3.5	3.5	3.9	4.3	5.4	6.0	8.3	7.8	9.4	10.7
Other durable goods	2.2	2.3	2.4	2.3	2.4	2.9	3.4	3.6	4.1	4.8
Nondurable goods, total	41.4	40.6	41.2	41.1	41.4	42.8	45.0	46.7	47.9	49.6
Food and kindred products	21.1	20.8	20.9	20.7	20.5	20.9	22.3	23.3	23.6	24.4
Canning and preserving	8.8	8.9	9.4	9.6	9.4	11.2	10.8	11.8	11.7	12.5
Textile mill products	2.5	2.0	2.3	2.3	2.3	2.5	2.3	2.3	2.4	2.4
Apparel	2.7	2.6	2.8	2.9	3.0	3.1	3.0	2.9	3.1	3.1
Paper and allied products	7.3	7.3	7.3	7.2	7.2	7.5	8.1	8.5	8.8	9.1
Printing and publishing	5.3	5.4	5.3	5.3	5.6	5.7	6.0	6.2	6.4	6.6
Other nondurable goods	2.5	2.5	2.6	2.7	2.8	3.1	3.3	3.5	3.6	4.0
Nonmanufacturing, total	364.8	370.0	384.6	403.6	421.3	449.2	472.1	485.6	504.2	526.8
Mining	1.2	1.2	1.3	1.4	1.4	1.7	1.7	1.6	1.6	1.5
Contract construction	26.1	24.5	26.1	29.2	29.8	33.4	33.0	30.2	31.1	32.3
Transp., communications, and utilities	44.4	43.2	43.5	43.5	44.6	46.4	47.5	48.1	48.7	49.2
Transportation	29.5	28.2	28.3	28.3	28.9	30.1	30.8	31.1	31.7	31.8
Communications and utilities	14.9	15.0	15.2	15.2	15.7	16.3	16.7	17.0	17.0	17.4
Wholesale and retail trade	113.6	112.8	117.1	122.3	128.6	136.5	143.7	146.0	151.6	159.8
Wholesale trade	31.2	30.6	31.2	32.4	34.3	36.7	38.7	39.5	41.5	44.2
Retail trade	82.4	82.2	85.9	89.9	94.3	99.8	105.0	106.5	110.1	115.6
Finance, insurance, and real estate	20.7	21.5	22.8	24.2	26.3	28.2	29.8	31.4	33.2	35.3
Service and miscellaneous	63.5	66.6	70.5	75.1	79.3	84.8	91.1	95.9	101.9	107.9
Government	95.3	100.2	103.3	107.9	111.3	118.2	125.3	132.4	136.1	140.8
Federal	21.7	22.3	22.7	23.3	23.2	24.0	24.6	25.4	25.1	25.4
State and local education	-	-	-	46.1	49.3	53.8	59.3	63.7	66.9	70.2
State and local other	73.6	77.9	80.6	38.5	38.8	40.4	41.4	43.3	44.1	49.2

Source: Oregon Department of Human Resources, Employment Division, Research and Statistics Section.

OREGON RESIDENT LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT, ANNUAL AVERAGES, 1970-80 (In Thousands)[1/]

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Civilian labor force	864.5	902.9	959.3	1,001.0	1,015.0	1,039.0	1,068.0	1,130.0	1,196.0	1,217.0	1,295.0
Unemployment	61.7	68.3	65.6	62.0	76.0	110.0	102.0	83.0	72.0	83.0	107.0
Percent of labor force unemployed	7.1	7.6	6.8	6.2	7.5	10.6	9.6	7.3	6.0	6.8	8.3
Total employment	802.8	834.6	893.7	939.0	939.0	929.0	966.0	1,047.0	1,124.0	1,134.0	1,188.0

OREGON RESIDENT AGRICULTURAL EMPLOYMENT, ANNUAL AVERAGES, 1970-80 (In Thousands)[2/]

Agricultural employment	42.5	41.1	40.4	39.6	38.6	37.3	35.6	35.2	34.9	35.0	35.2

OREGON NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT, BY PLACE OF WORK, ANNUAL AVERAGES, 1970-79 (In Thousands)[3/]

Total wage and salary	709.2	727.2	774.3	816.2	837.9	837.4	878.5	936.9	1,009.4	1,056.2	1044.6
Manufacturing, total	172.3	174.3	184.0	196.9	196.8	182.1	193.7	206.1	219.1	228.5	215.1
Durable goods	122.9	125.5	134.2	145.6	145.2	132.8	142.4	152.1	165.1	171.8	159.6
Lumber and wood products	66.8	70.4	77.3	80.9	76.7	69.6	76.4	79.4	81.4	81.2	69.5
Logging and sawmills	34.2	35.7	39.2	41.9	41.0	36.6	39.7	40.8	41.4	41.9	36.9
Veneer and plywood	24.3	25.5	25.8	25.9	23.8	21.8	23.7	24.3	24.5	24.3	20.5
Millwork and structural wood	--	--	6.1	6.3	5.5	5.6	6.7	7.3	8.0	7.7	6.2
Mobile Homes	--	--	1.7	1.8	1.7	1.8	2.1	2.6	3.0	3.0	2.1
Other wood products	--	--	4.5	5.0	4.7	3.8	4.2	4.4	4.5	4.3	3.8
Furniture and fixtures	3.4	3.7	3.6	3.8	3.1	3.0	2.9	3.1	3.2	2.9	2.6
Stone, clay, glass & concrete prod.	3.0	3.3	3.5	3.6	3.6	3.3	3.6	3.8	4.0	4.4	4.5
Primary metals	7.6	7.3	7.7	8.9	10.1	9.5	9.3	9.7	10.4	11.1	11.0
Blast furnaces, iron & steel found.	--	--	4.5	5.1	5.6	5.2	4.9	5.2	5.6	6.3	6.4
Nonferrous metals	--	--	3.2	3.8	4.5	4.3	4.4	4.5	4.8	4.8	4.6
Fabricated metals	8.0	7.8	8.6	9.5	10.2	9.7	10.3	11.7	13.2	13.7	12.7
Fabricated structural metals	--	--	4.2	4.5	4.4	4.2	4.4	5.0	5.8	5.7	5.0
Other fabricated metals	--	--	4.4	5.0	5.8	5.5	5.9	6.7	7.4	8.0	7.7
Machinery	10.1	9.5	10.1	12.0	12.6	11.6	11.7	13.5	15.4	17.3	17.7
Electrical equipment and supplies	10.9	9.7	3.1	3.6	3.9	3.6	3.9	4.6	6.1	8.6	9.8
Transportation equipment	9.0	9.2	8.1	9.1	9.4	8.4	9.5	9.9	12.0	12.2	10.3
Instruments and related products	--	--	9.8	11.8	13.3	12.1	12.6	14.2	17.1	18.2	19.3
Other durable goods	4.1	4.6	--	--	--	--	--	--	--	--	--
Miscellaneous manufacturing	--	--	2.4	2.4	2.3	2.0	2.2	2.2	2.3	2.2	2.2
Nondurable goods	49.4	48.8	49.8	51.3	51.6	49.3	51.3	54.0	54.0	56.7	55.5
Food and kindred products	24.0	23.5	23.4	23.4	23.3	22.4	22.9	24.1	24.4	25.2	24.3
Canning and preserving	12.1	11.6	11.7	12.4	12.6	11.9	12.3	13.4	14.0	14.9	14.1
Other food products	--	--	11.7	11.0	10.7	10.5	10.6	10.7	10.4	10.3	10.2
Textile mill products	2.5	2.4	2.5	2.4	2.4	2.1	2.2	2.1	2.2	2.2	2.0
Apparel	3.1	3.0	3.1	3.4	3.5	3.2	3.5	3.4	3.4	3.5	3.2
Paper and allied products	9.4	9.3	9.6	9.8	10.1	9.6	9.8	10.4	8.8	9.8	10.4
Printing and publishing	6.7	6.9	7.2	7.7	7.9	7.7	8.2	8.8	9.5	10.0	10.0
Chemicals and allied products	--	--	2.0	2.1	2.1	2.1	2.2	2.3	2.4	2.4	2.3
Petroleum refining	--	--	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.6
Rubber and plastic products	--	--	1.3	1.8	1.6	1.5	1.8	2.1	2.4	2.6	2.4
Leather products	--	--	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Other nondurable goods	3.7	3.7	--	--	--	--	--	--	--	--	--

Footnotes appear on next page.

OREGON NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT, BY PLACE OF WORK, ANNUAL AVERAGES, 1970-80 (In Thousands)3/
(Continued)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Nonmanufacturing, total	536.9	552.9	590.3	619.4	641.1	655.3	684.8	730.8	790.3	827.7	829.5
Mining and quarrying	1.3	1.4	1.7	1.9	1.8	1.7	1.5	1.8	2.2	2.4	2.3
Contract construction	29.5	31.6	36.8	39.0	39.0	35.3	36.6	42.6	48.8	53.0	46.5
Transp., communications, and util	48.7	48.5	50.3	52.3	52.5	50.2	51.2	53.7	56.9	60.0	60.5
Transportation	30.4	29.7	31.2	32.9	32.7	30.8	31.6	32.9	34.6	36.0	35.4
Railroad	--	--	8.9	8.6	8.4	7.5	7.4	7.3	7.5	7.6	7.3
Trucking and warehousing	--	--	15.0	16.1	16.0	14.9	15.6	16.6	17.5	18.1	17.6
Other transportation	--	--	7.3	8.2	8.3	8.4	8.6	9.0	9.6	10.3	10.5
Communications and utilities	18.3	18.8	--	--	--	--	--	--	--	--	--
Communications	--	--	12.2	12.6	12.8	12.5	12.5	13.3	14.5	15.8	16.3
Utilities	--	--	6.9	6.8	7.0	6.9	7.1	7.5	7.8	8.2	8.8
Trade	--	--	177.6	187.9	194.2	199.4	210.9	225.7	245.6	256.8	255.8
Wholesale and retail trade	162.0	165.8	--	--	--	--	--	--	--	--	--
Wholesale trade	43.9	43.6	48.6	51.6	53.5	53.1	55.0	58.5	63.2	67.0	67.4
Durable goods	--	--	29.6	31.8	33.0	32.3	33.8	36.2	39.9	42.7	42.2
Nondurable goods	--	--	19.0	19.8	20.5	20.8	21.2	22.3	23.3	24.3	25.3
Retail trade	118.1	122.2	129.0	136.3	140.7	146.3	155.9	167.2	182.4	189.8	188.2
General merchandise	--	--	22.4	22.9	24.1	24.3	25.6	26.2	27.6	28.1	27.9
Food stores	--	--	16.8	17.6	18.6	19.4	20.1	21.3	22.0	23.5	24.6
Auto dealers & serv. stations	--	--	22.7	23.1	21.4	22.4	23.6	24.7	26.5	25.6	23.8
Other retail trade	--	--	67.1	72.7	76.6	80.2	86.6	95.0	106.3	112.6	111.9
Finance, insurance, and real est.	36.0	36.6	43.2	47.2	48.0	48.9	51.9	57.6	64.2	69.1	70.0
Banking and credit agencies	--	--	16.3	17.7	18.5	18.6	19.2	20.5	22.4	24.3	24.8
Other fin., ins., & real est.	--	--	26.9	29.5	29.5	30.3	32.7	37.1	41.8	44.8	45.2
Services and miscellaneous	112.7	117.0	123.2	130.8	137.1	142.7	151.1	162.6	175.5	185.7	191.4
Hotels and personal service	--	--	18.9	19.4	20.1	20.4	21.1	22.1	23.9	24.7	24.6
Health services	--	--	39.2	41.2	44.1	46.7	49.8	53.6	56.5	59.6	62.1
Other services	--	--	65.1	70.1	72.9	75.6	80.2	86.9	95.1	101.4	104.7
Government	146.7	152.0	157.5	160.3	168.5	177.1	181.6	186.8	197.1	200.7	203.2
Federal government	25.9	25.7	26.0	26.0	26.6	26.9	27.4	27.7	29.1	29.9	30.8
State government4/	--	--	43.4	44.8	46.8	49.9	51.0	52.1	53.6	54.4	55.3
Education	--	--	21.1	21.4	22.1	22.9	23.3	22.6	23.0	23.0	23.1
Other state	--	--	22.3	23.4	24.7	27.0	27.7	29.5	30.6	31.4	32.2
Local government4/	--	--	88.1	89.6	95.1	100.3	103.2	107.0	114.4	116.4	117.1
Education	--	--	56.2	57.4	60.3	62.9	64.8	66.1	68.2	70.2	71.1
Other local	--	--	31.9	32.2	34.8	37.4	38.4	40.9	46.2	46.2	46.0
State and local education	73.1	75.8	--	--	--	--	--	--	--	--	--
State and local public admin.	47.7	50.5	--	--	--	--	--	--	--	--	--
Workers in labor-management disputes	1.0	1.0	0.5	1.0	1.3	0.7	0.7	1.0	2.7	1.3	0.7

1/ Data include employed and unemployed individuals 16 years and older by place of residence. Data are adjusted for multiple job-holding and commuting. Include nonagriculture wage and salary, self-employed, unpaid family workers, domestics, agriculture, and labor disputants. Prior to 1970, data were compiled by place of work and are not comparable with 1970 to present data.

2/ Data series reflects 1970 census benchmark and includes workers aged 16 years and over. Annual averages are estimates only, not actual head counts. Data include private sector employment in forestry, fisheries, hunting, and trapping. Data are based on extrapolations from the 1970 census.

3/ 1970 and 1971 data are based on the 1967 Standard Industrial Classification (SIC) code structure. 1972 to present data are based on the 1972 SIC code structure. Data are by place of work, and persons working multiple jobs are counted more than once. Workers involved in labor-management disputes are excluded from the wage and salary employment totals.

4/ State and local government employment is combined for 1970 and 1971.

Source: Oregon Department of Human Resources, Employment Division, Research and Statistics Section.

8324E

OREGON RESIDENT LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT, ANNUAL AVERAGES 1981-83 (IN THOUSANDS)[1]

	1981	1982	1983
Civilian Labor Force	1,337.0	1,324.0	1,337.0
Unemployment	132.0	153.0	145.0
Percent of Labor Force[2]	9.9	11.5	10.8
Total Employment	1,205.0	1,171.0	1,192.0

OREGON RESIDENT AGRICULTURAL EMPLOYMENT, ANNUAL AVERAGES, 1981-83 (IN THOUSANDS)[3]

Agricultural Employment	35.1	34.1	32.3

OREGON NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY PLACE OF WORK, ANNUAL AVERAGES 1981-83 (IN THOUSANDS)[4]

Total Wage and Salary	1,018.4	960.8	963.6
Manufacturing, Total	202.7	185.7	187.0
Durable Goods	148.4	132.7	133.7
Lumber & Wood Products	63.8	55.6	62.0
Logging & Sawmills	33.0	29.1	32.1
Veneer & Plywood	19.0	16.7	17.5
Millwork & Structural Wood	6.1	5.2	7.4
Mobile Homes	1.9	1.3	1.5
Other Wood Products	3.8	3.3	3.5
Furniture & Fixtures	2.5	2.2	2.3
Stone, Clay, Glass & Concrete Products	3.9	3.4	3.1
Primary Metals	10.2	8.1	7.4
Blast Furnaces, Iron & Steel Found.	5.8	4.4	3.9
Nonferrous Metals	4.4	3.7	3.5
Fabricated Metals	11.2	9.8	9.3
Fabricated Structural Metals	4.4	3.8	4.1
Other Fabricated Metals	6.8	6.0	5.2
Machinery	18.0	16.5	15.0
Electrical Equipment & Supplies	10.0	10.1	10.5
Transportation Equipment	8.9	7.9	7.0
Instruments & Related Products	17.4	16.8	14.8
Miscellaneous Manufacturing	2.5	2.3	2.3
Nondurable Goods	54.3	53.0	53.3
Food & Kindred Products	23.8	23.7	23.8
Canning & Preserving	13.4	13.5	13.8
Other Food Products	10.4	10.2	10.0
Textile Mill Products	1.8	1.8	1.7
Apparel	2.8	2.7	2.5
Paper & Allied Products	10.3	9.6	9.3
Printing & Publishing	10.2	10.0	10.4
Chemicals & Allied Products	2.2	2.1	2.1
Petroleum Refining	0.5	0.5	0.5
Rubber & Plastic Products	2.4	2.3	2.5
Leather Products	0.3	0.3	0.5

	1981	1982	1983
Nonmanufacturing, Total	815.7	775.1	776.6
Mining & Quarrying	2.2	1.8	1.6
Construction	37.5	28.9	26.4
Transportation, Comm. & Utilities	59.3	56.7	54.9
Transportation	34.1	31.9	31.7
Railroad	6.9	6.0	5.3
Trucking & Warehousing	16.8	16.0	16.5
Other Transportation	10.4	9.9	9.9
Communications	16.1	15.9	14.6
Utilities	9.1	8.9	8.6
Trade	253.5	238.7	242.2
Wholesale Trade	67.0	62.7	62.0
Durable Goods	40.9	37.3	36.5
Nondurable Goods	26.1	25.4	25.5
Retail Trade	186.5	176.0	180.2
General Merchandise	24.9	23.7	24.0
Food Stores	26.9	26.4	27.6
Auto Dealers & Service Stations	22.8	21.4	22.1
Other Retail Trade	111.9	104.5	106.5
Finance, Insurance & Real Estate	68.5	64.9	64.7
Banking & Credit Agencies	25.1	23.8	23.4
Other Fin., Insur. & Real Estate	43.4	41.1	41.3
Services	192.1	188.6	193.9
Hotels & Personal Services	24.3	23.3	23.1
Health Services	64.5	65.3	66.6
Other Services	103.3	100.0	104.2
Government	202.6	195.5	192.9
Federal	29.5	29.1	29.2
State	53.1	50.8	51.9
Education	22.5	21.5	21.5
Other State	30.6	29.3	30.4
Local Government	120.0	115.6	111.8
Education	73.5	70.9	69.9
Other Local	46.5	44.7	41.9
Workers Involved in Labor Management Disputes	0.3	0.1	1.3

1. Includes employed and unemployed individuals 16 years and older by place of residence. Data are adjusted for multiple job-holding and commuting. Includes nonagriculture wage and salary, self employed, unpaid family workers, domestics, agriculture, and labor disputants.

2. This figure based on unrounded data.

3. Data series reflects 1970 census benchmark and includes workers aged 16 years and over. All data are rounded to hundreds.

4. This nonagricultural wage and salary employment series is based on the 1972 Standard Industrial Classification (SIC) manual as amended by the 1977 supplement. The data are by place of work and persons working multiple jobs are counted more than once. Workers involved in labor-management disputes are excluded from the wage and salary employment totals.

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OREGON'S LEADING AGRICULTURAL COMMODITIES BY COMMODITY GROUP
1983 GROSS FARM SALES

Rank 1983	Commodity	Thousand Dollars 1983*	1982	1981
GRAIN				
2.	Wheat	$225,635	$247,830	$289,950
9.	Barley	34,327	26,217	25,000
25.	Corn for grain	14,264	11,212	5,639
32.	Oats	7,837	8,600	7,015
	Other grain	244	303	369
HAY AND FORAGES				
6.	Alfalfa hay	61,411	53,340	42,900
28.	Other hay	10,304	9,802	6,885
40.	Corn for silage	5,361	4,762	4,154
76.	Grass and grain straw	1,401	983	692
	Other	304	529	576
GRASS AND LEGUME SEEDS				
16.	Annual ryegrass seed	23,162	29,605	29,440
19.	Perennial ryegrass seed	19,545	23,270	28,770
31.	Orchardgrass seed	8,653	7,365	4,680
33.	Tall Fescue seed	6,876	4,780	2,657
35.	Red Clover seed	6,513	6,000	4,520
39.	All Kentucky Bluegrass	5,557	9,341	11,189
50.	Alfalfa seed	3,545	2,750	4,145
51.	Bentgrass seed	3,434	4,178	5,616
52.	Chewings Fescue seed	3,184	4,202	5,278
60.	Crimson clover	2,430	1,630	2,520
68.	Red Fescue seed	1,705	2,792	3,581
78.	Hairy Vetch	1,353	1,058	1,216
	Other grass and legume seeds	2,985	4,035	2,751
FIELD CROPS				
4.	Potatoes	90,663	72,970	87,131
14.	Peppermint for oil	24,750	16,100	21,736
22.	Hops	19,030	26,038	19,195
27.	Sugarbeets for sugar	11,448	8,846	8,849
38.	Vegetable and flower seed	5,948	6,057	4,611
42.	Radish seed	4,860	--	--
45.	Sugarbeets for seed	4,098	7,150	6,031
64.	Dry field peas	2,249	2,776	2,469
67.	Mint for root stock	1,748	942	594
69.	Spearmint for oil	1,660	1,900	1,725
73.	Dry field beans	1,548	1,656	8,561
	Other field crops	1,228	1,017	1,708

TREE FRUITS AND NUTS				
10.	Winter pears	34,112	25,431	26,228
23.	Sweet Cherries	18,639	21,586	20,128
24.	Apples	17,085	15,625	17,682
30.	Bartlett pears	8,866	9,628	9,805
44.	Filberts	4,304	12,227	11,319
48.	Peaches	3,992	3,772	3,005
55.	Prunes & plums	2,800	4,140	5,644
66.	Tart cherries	1,914	809	1,610
81.	Walnuts	1,099	1,830	1,225
	Other tree fruits and nuts	2,810	3,184	2,563
SMALL FRUITS AND BERRIES				
13.	Strawberries	31,702	25,435	18,126
37.	Tame blackberries	6,127	4,504	3,150
41.	Red raspberries	4,937	9,530	6,144
46.	Cranberries	4,076	2,711	4,003
49.	Blueberries	3,827	2,550	2,173
	Other small fruits and berries	3,693	3,059	2,086
VEGETABLES AND TRUCK CROPS				
11.	Dry onions	33,490	18,360	49,742
17.	Sweet corn, processed	22,501	28,902	21,681
18.	Snap beans, processed	19,887	22,541	23,826
36.	Green peas	6,512	7,419	7,921
53.	Cucumbers, processed	2,927	3,085	3,385
54.	Garlic	2,891	2,581	1,242
57.	Cauliflower, processed	2,648	5,940	2,730
58.	Broccoli, processed	2,594	3,392	1,699
59.	Squash & pumpkin	2,559	3,313	2,584
61.	Sweet corn, fresh	2,382	2,320	2,127
62.	Carrots, fresh	2,310	2,415	2,889
63.	Cabbage	2,249	2,776	2,469
65.	Cauliflower, fresh	1,955	1,818	1,888
74.	Lettuce	1,483	1,251	1,958
75.	Beets, processed	1,462	2,018	2,011
79.	Asparagus	1,292	1,104	1,119
80.	Carrots, processed	1,108	1,918	1,696
82.	Tomatoes	1,099	1,830	1,225
	Other vegetables and truck crops	8,545	5,212	7,951
SPECIALTY PRODUCTS				
5.	Nursery crops	89,005	81,705	91,140
7.	Farm forest	50,485	41,795	50,400
8.	Christmas trees	34,367	29,338	23,904
20.	Greenhouse crops	19,530	18,285	17,115
47.	Bulbs	4,010	4,025	3,425
	Other specialty products	31,615	27,095	26,185

LIVESTOCK AND POULTRY				
1.	Cattle & calves	290,678	354,268	320,000
3.	Dairy products	183,147	178,532	166,840
12.	Chicken eggs	32,441	28,305	31,507
15.	Broilers	23,415	24,840	29,484
21.	Sheep & lambs	19,331	16,328	16,500
26.	Hogs & pigs	13,411	19,507	17,155
29.	Horses & mules	9,402	9,222	10,166
34.	Turkeys	6,875	9,526	9,583
43.	Mink	4,511	5,794	6,669
71.	Honey & beeswax	1,584	1,540	1,534
72.	Wool	1,577	1,816	3,406
83.	Rabbits	1,011	1,106	1,027
	Other miscellaneous livestock	6,333	6,209	8,507
SUBTOTALS				
	Grains	282,307	294,162	327,973
	Hay and Forages	78,781	69,416	55,207
	Grass and Legume Seeds	88,942	101,006	106,363
	Field Crops	169,230	145,452	162,610
	Tree Fruits and Nuts	95,621	98,232	99,209
	Small Fruits and Berries	54,362	47,789	35,682
	Vegetables and Truck Crops	119,894	118,195	140,143
	Specialty Products	229,012	202,243	212,169
	Livestock and Poultry	593,716	656,993	622,378
TOTAL GROSS FARM SALES		1,711,865	1,733,488	1,761,734

Source: 1983 Oregon County and State Agricultural Estimates, Oregon State University Extension Service, Special Report No. 676, January 1984.

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OREGON'S LEADING AGRICULTURAL COMMODITIES BY VALUE OF SALES

Rank	Commodity	VALUE IN THOUSANDS 1983*	1982	1981
1.	Cattle & Calves	290,678	354,268	320,000
2.	Wheat	225,635	247,830	289,950
3.	Dairy	183,147	178,532	166,840
4.	Potatoes	90,663	72,970	87,131
5.	Nursery Crops	89,005	81,705	91,140
6.	Alfalfa Hay	61,411	53,340	42,900
7.	Farm Forest	50,485	41,795	50,400
8.	Christmas trees	34,367	29,338	23,904
9.	Barley	34,327	26,217	25,000
10.	Winter Pears	34,112	25,431	26,228
11.	Dry Onions	33,490	18,360	49,742
12.	Chicken Eggs	32,441	28,305	31,507
13.	Strawberries	31,702	25,435	18,126
14.	Peppermint	24,750	16,100	21,736
15.	Broilers	23,415	24,840	29,484
16.	Annual Ryegrass	23,162	29,605	29,440
17.	Sweet corn, Processed	22,501	28,902	21,681
18.	Snapbeans, Processed	19,887	22,541	23,826
19.	Perennial Ryegrass	16,545	23,270	28,770
20.	Greenhouse Crops	19,530	18,285	17,115
21.	Sheep & Lambs	19,331	16,328	16,500
22.	Hops	19,030	26,038	19,195
23.	Sweet Cherries	18,639	21,586	20,128
24.	Apples	17,085	15,625	17,682
25.	Corn for Grain	14,264	11,212	5,639
26.	Hogs	13,411	19,507	17,155
27.	Sugarbeets for Sugar	11,448	8,846	8,849
28.	Hay (Other than alfalfa)	10,304	9,802	6,885
29.	Horses	9,402	9,222	10,166
30.	Bartlett Pears	8,866	9,628	9,805
31.	Orchardgrass	8,653	7,365	4,680
32.	Oats	7,837	8,600	7,015
33.	Tall Fescue	6,876	4,780	2,657
34.	Turkeys	6,875	9,526	9,583
35.	Red Clover	6,513	6,000	4,520
36.	Green Peas	6,512	7,419	7,921
37.	Tame Blackberries	6,127	4,504	3,150
38.	Vegetable & Flower Seed	5,948	6,057	4,611
39.	All Kentucky Bluegrass	5,557	9,341	11,189
40.	Corn Silage	5,361	4,762	4,154

OREGON'S LEADING AGRICULTURAL COMMODITIES, BY VALUE OF SALES

Rank	Commodity	VALUE IN THOUSANDS 1983*	1982	1981
41.	Red Raspberries	4,937	9,530	6,144
42.	Radish Seed	4,860	---	---
43.	Mink	4,511	5,794	6,669
44.	Filberts	4,304	12,277	11,319
45.	Sugarbeet for Seed	4,098	7,150	6,031
46.	Cranberries	4,076	2,711	4,003
47.	Bulbs	4,010	4,025	3,425
48.	Peaches	3,992	3,772	3,005
49.	Blueberries	3,827	2,550	2,173
50.	Alfalfa Seed	3,545	2,750	4,145
51.	Bentgrass	3,434	4,178	5,616
52.	Chewing Fescue	3,184	4,202	5,278
53.	Cucumbers, Processed	2,927	3,085	3,385
54.	Garlic	2,891	2,581	1,242
55.	Prunes & Plums	2,800	4,140	5,644
56.	Grapes	2,650	2,871	2,338
57.	Cauliflower, Processed	2,648	5,940	2,730
58.	Broccoli, Processed	2,594	3,392	1,699
59.	Squash & Pumpkins	2,559	3,313	2,584
60.	Crimson Clover	2,430	1,630	2,520
61.	Sweet Corn, Fresh	2,382	2,320	2,127
62.	Carrots, Fresh	2,310	2,415	2,889
63.	Cabbage	2,249	2,181	2,421
64.	Dry Field Peas	2,249	2,776	2,469
65.	Cauliflower, Fresh	1,955	1,818	1,888
66.	Tart Cherries	1,914	809	1,610
67.	Mint for Root Stock	1,748	942	594
68.	Red Fescue	1,705	2,792	3,581
69.	Spearmint for Oil	1,660	1,900	1,725
70.	Black Raspberries	1,590	684	782
71.	Honey & Beeswax	1,584	1,540	1,534
72.	Wool	1,577	1,816	3,406
73.	Dry Field Beans	1,548	1,656	8,561
74.	Lettuce	1,483	1,251	1,958
75.	Beets, Processed	1,462	2,018	2,011
76.	Grass & Grain Straw	1,401	983	692
77.	Boysenberries	1,359	1,376	824
78.	Hairy Vetch	1,353	1,058	1,216
79.	Asparagus	1,292	1,104	1,119
80.	Carrots, Processed	1,108	1,918	1,696

OREGON'S LEADING AGRICULTURAL COMMODITIES, BY VALUE OF SALES

Rank	Commodity	VALUE IN THOUSANDS 1983*	1982	1981
81.	Walnuts	1,099	1,830	1,225
82.	Tomatoes	1,056	1,349	1,235
83.	Rabbits	1,011	1,106	1,027
Other Commodities		51,841	46,738	46,630
Total Gross Farm Sales		$1,711,865	$1,733,488	$1,759,574

Source: 1983 Oregon County and State Agricultural Estimates, Oregon State University Extension Service, Special Report No. 676, January 1984.

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1983

OREGON GROSS FARM SALES

PRELIMINARY ESTIMATES

District & County	Grains	Hay & silage	Grass & legume seeds	Field crops	Tree fruits & nuts	Small fruits & berries	All veg. crops	Spec. products	All crops	Cattle & calves	Dairy products	Eggs & poultry	Misc. animals	All livestock	Total Gross Income
	thousand dollars														
The State....	282,307	78,781	88,942	169,230	95,621	54,362	119,894	229,012	1,118,149	290,678	183,147	63,187	56,704	593,716	1,711,865
District 1...	59,965	12,320	77,811	46,794	18,956	46,811	76,247	179,917	518,821	32,532	80,846	57,172	26,145	196,695	715,516
Benton.....	6,157	498	7,049	3,763	503	950	3,918	11,420	34,258	1,760	3,770	185	1,067	6,782	41,040
Clackamas..	4,081	1,005	2,069	1,442	1,224	7,164	10,634	41,220	68,839	4,749	7,210	17,302	6,373	35,634	104,473
Lane.....	3,915	655	5,658	4,008	1,673	870	5,253	10,150	32,182	5,950	7,800	8,128	1,750	23,628	55,810
Linn.....	6,987	1,086	38,195	8,558	697	1,814	6,154	3,735	67,226	4,968	9,100	3,060	6,630	23,758	90,984
Marion.....	10,291	2,620	9,041	24,553	3,660	15,006	31,633	47,395	144,199	5,790	23,232	14,227	3,730	46,979	191,178
Multnomah..	749	109	98	317	115	3,467	7,130	17,852	29,837	650	1,620	11	537	2,818	32,655
Polk.....	9,075	1,314	5,678	2,582	3,022	1,531	1,637	6,810	31,649	2,420	4,884	3,887	1,285	12,476	44,125
Washington.	6,530	3,460	6,003	1,328	3,713	14,545	5,024	26,150	66,753	2,750	13,330	325	1,787	18,192	84,945
Yamhill....	12,180	1,573	4,020	243	4,349	1,464	4,864	15,185	43,878	3,495	9,900	10,047	2,986	26,428	70,306
District 2...	540	612	71	75	55	6,557	333	16,545	24,788	16,418	61,673	303	5,090	83,492	108,280
Clatsop....	---	90	---	---	---	97	8	1,310	1,505	1,100	2,375	4	1,789	5,268	6,773
Columbia...	540	243	71	54	37	2,255	40	4,460	7,700	3,022	2,984	9	359	6,374	14,074
Coos.....	---	110	---	---	15	3,617	210	3,712	7,664	4,564	12,736	271	1,004	18,575	26,239
Curry.....	---	42	---	---	3	435	---	3,551	4,031	1,410	743	3	823	2,979	7,010
Lincoln.....	---	33	---	---	---	111	45	2,637	2,826	980	380	16	264	1,640	4,466
Tillamook...	---	94	---	21	---	42	30	875	1,062	5,342	42,455	---	859	48,656	49,718
District 3...	2,747	1,609	650	1,380	20,065	442	2,122	18,790	47,805	19,026	14,804	2,464	6,297	42,591	90,396
Douglas....	1,760	434	189	27	1,156	296	1,465	14,216	19,543	9,346	950	523	4,202	15,021	34,564
Jackson....	836	843	461	232	18,504	126	541	2,626	24,169	7,494	5,985	1,578	1,489	16,546	40,715
Josephine..	151	332	---	1,121	405	20	116	1,948	4,093	2,186	7,869	363	606	11,024	15,117
District 4...	162,577	15,539	948	51,914	54,955	532	14,059	5,275	305,799	58,370	1,809	2,198	7,484	69,861	375,660
Gilliam....	19,042	278	150	352	---	---	---	---	19,822	4,056	---	---	162	4,218	24,040
Hood River.	---	171	---	---	36,654	140	93	830	37,888	744	525	513	452	2,234	40,122
Morrow.....	42,232	7,990	8	30,145	108	40	172	1,000	81,695	22,332	523	---	1,131	23,986	105,681
Sherman....	19,329	56	---	---	23	---	---	---	19,408	2,024	---	1,660	76	3,760	23,168
Umatilla...	64,604	6,153	790	21,279	6,873	352	13,678	2,350	116,079	20,778	761	25	4,749	26,313	142,392
Wasco.....	17,015	779	---	---	11,297	---	116	1,045	30,252	5,262	---	---	660	5,922	36,174
Wheeler....	355	112	---	138	---	---	---	50	655	3,174	---	---	254	3,428	4,083
District 5...	32,598	9,181	5,561	30,952	1,319	20	25,249	3,880	108,760	65,579	16,321	24	3,866	85,790	194,550
Baker.....	2,716	1,791	58	210	20	---	---	1,090	5,875	15,890	2,390	3	741	19,024	24,899
Malheur....	14,973	4,753	2,722	28,775	191	20	25,219	200	76,853	33,945	13,078	10	1,009	48,042	124,895
Union.....	9,996	1,348	2,781	787	1,108	---	---	1,350	17,370	5,634	853	8	1,337	7,832	25,202
Wallowa....	4,913	1,289	---	1,180	---	---	30	1,250	8,662	10,110	---	3	779	10,892	19,554
District 6...	23,880	39,520	3,901	38,115	271	---	1,884	4,605	112,176	98,753	7,694	1,026	7,814	115,287	227,463
Crook.....	1,441	5,160	123	4,659	---	---	62	290	11,735	15,109	470	---	349	15,928	27,663
Deschutes..	449	3,267	62	1,979	---	---	---	1,350	7,107	4,072	2,290	16	2,669	9,047	16,154
Grant.....	293	1,474	---	333	271	---	---	560	2,931	9,446	---	162	1,105	10,713	13,644
Harney.....	914	2,320	125	227	---	---	---	10	3,596	17,602	---	---	518	18,120	21,716
Jefferson..	9,140	3,211	3,563	14,071	---	---	1,822	185	31,992	7,597	118	3	950	8,958	40,950
Klamath....	11,006	12,470	10	16,410	---	---	---	2,140	42,036	27,049	4,816	845	1,718	34,428	76,464
Lake.....	637	11,518	18	436	---	---	---	70	12,779	17,588	---	---	505	18,093	30,872

SOURCE: Compiled by Extension Economic Information Office, Oregon State University.

1982
OREGON GROSS FARM SALES
REVISED ESTIMATES

District & county	Grains	Hay & silage	Grass & legume seeds	Field crops	Tree fruits & nuts	Small fruits & berries	All vegetable crops	Specialty products	All crops	Cattle & calves	Dairy products	Eggs & poultry	Misc. animals	All livestock & products	Total gross income
							thousand dollars								
The State....	294,162	69,416	101,006	145,452	98,232	47,789	118,195	202,243	1,076,495	354,268	178,532	63,121	61,072	656,993	1,733,488
District 1...	75,067	10,801	88,165	45,787	28,057	42,011	87,863	161,431	539,182	40,086	79,461	56,117	28,831	204,495	743,677
Benton.....	3,629	611	7,380	2,605	683	799	5,192	9,400	30,299	2,270	3,826	208	1,227	7,531	37,830
Clackamas..	7,118	965	2,627	1,090	2,389	7,580	11,247	38,546	71,562	6,248	7,516	16,529	7,360	37,653	109,215
Lane.....	5,271	512	4,982	3,135	2,629	861	7,349	9,675	34,414	6,965	7,433	8,289	1,831	24,518	58,932
Linn.....	9,151	1,390	45,408	3,777	833	2,052	6,323	3,100	72,034	6,146	8,720	3,334	5,890	24,090	96,124
Marion.....	14,638	2,228	12,552	30,067	5,025	13,188	37,679	42,978	158,355	6,658	22,865	11,398	4,573	45,494	203,849
Multnomah..	726	123	105	277	158	4,583	6,498	17,257	29,727	1,024	1,655	11	558	3,248	32,975
Polk.....	10,871	1,021	6,321	3,370	3,757	1,075	2,658	5,815	34,888	2,684	5,047	4,785	1,446	13,962	48,850
Washington.	9,202	2,678	5,278	969	6,239	10,627	4,974	25,320	65,287	3,687	13,100	504	2,258	19,549	84,836
Yamhill....	14,461	1,273	3,512	497	6,344	1,246	5,943	9,340	42,616	4,404	9,299	11,059	3,688	28,450	71,066
District 2..	780	480	51	60	46	4,768	360	15,582	22,127	20,281	58,585	283	5,195	84,344	106,471
Clatsop. ..	---	81	---	---	---	81	5	940	1,107	1,639	2,055	4	1,685	5,383	6,490
Columbia...	780	167	51	42	27	1,866	40	4,278	7,251	3,790	2,975	9	392	7,166	14,417
Coos.....	---	93	---	---	14	2,422	235	3,754	6,518	5,634	12,438	259	1,109	19,440	25,958
Curry.....	---	21	---	---	5	284	---	3,540	3,850	1,741	915	3	790	3,449	7,299
Lincoln....	---	29	---	---	---	76	50	2,320	2,475	1,229	312	8	261	1,810	4,285
Tillamook..	---	89	---	18	---	39	30	750	926	6,248	39,890	---	958	47,096	48,022
District 3...	2,878	1,707	487	1,515	18,445	497	2,203	14,450	42,182	23,805	14,660	3,622	6,584	48,671	90,853
Douglas....	1,935	502	155	27	2,315	442	1,519	11,310	18,205	12,487	998	703	4,109	18,297	36,502
Jackson....	784	844	332	216	15,727	55	581	1,610	20,149	8,706	5,888	2,870	1,820	19,284	39,433
Josephine..	159	361	---	1,272	403	---	103	1,530	3,828	2,612	7,774	49	655	11,090	14,918
District 4..	157,323	14,582	854	36,856	49,744	494	10,731	4,970	275,554	65,857	1,788	2,188	8,366	78,199	353,753
Gilliam....	16,030	267	165	308	---	---	---	10	16,780	4,917	---	---	171	5,088	21,869
Hood River.	---	149	---	---	31,132	138	104	640	32,163	850	514	485	466	2,315	34,478
Morrow.....	37,715	7,589	38	22,429	87	41	550	1,000	69,449	23,251	475	---	1,325	25,051	94,500
Sherman....	19,367	64	---	160	---	---	---	---	19,591	2,253	---	1,690	116	4,059	23,650
Umatilla...	64,342	5,491	651	13,850	5,969	298	9,917	2,200	102,718	22,500	799	13	4,870	28,182	130,900
Wasco.....	19,505	888	---	---	12,556	17	160	1,045	34,171	7,477	---	---	1,107	8,584	42,755
Wheeler....	364	134	---	109	---	---	---	75	682	4,609	---	---	311	4,920	5,602
District 5...	33,601	8,527	6,043	30,174	1,653	19	15,700	3,130	98,847	88,087	16,462	24	4,644	109,217	208,064
Baker.....	3,203	1,886	53	216	21	---	---	680	6,059	19,973	2,459	3	797	23,232	29,291
Malheur....	14,602	4,548	2,113	28,640	230	19	15,670	50	65,872	49,165	13,125	10	1,274	63,574	129,446
Union.....	10,508	924	3,877	683	1,402	---	---	1,250	18,644	7,170	830	8	1,759	9,767	28,411
Wallowa....	5,288	1,169	---	635	---	---	30	1,150	8,272	11,779	48	3	814	12,644	20,916
District 6...	24,513	33,319	5,406	31,060	287	---	1,338	2,690	98,603	116,152	7,576	887	7,452	132,067	230,670
Crook.....	1,003	4,591	174	2,765	---	---	36	260	8,829	14,852	475	16	406	15,749	24,578
Deschutes..	523	2,007	95	1,538	---	---	---	920	5,083	4,302	2,351	16	1,664	8,333	13,416
Grant.....	329	1,470	---	289	287	---	---	560	2,935	12,291	---	34	1,816	14,141	17,076
Harney.....	1,117	3,260	76	201	---	---	---	10	4,664	22,534	---	---	545	23,079	27,743
Jefferson..	9,430	1,871	5,020	9,768	---	---	1,302	125	27,516	9,423	159	3	926	10,511	38,027
Klamath....	10,417	11,729	20	10,188	---	---	---	735	39,088	30,728	4,591	818	1,472	37,609	76,697
Lake.....	1,694	8,392	21	311	---	---	---	70	10,488	22,022	---	---	623	22,645	33,133

SOURCE: Compiled by Extension Economic Information Office, Oregon State University.

1931

OREGON GROSS FARM SALES

Revised Estimates

District & county	Grains	Hay & silage	Grass & legume seeds	Field crops	Tree fruits & nuts	Small fruits & berries	All vegetable crops	Specialty products	All crops	Cattle & calves	Dairy products	Eggs & poultry	Misc. animals	All livestock & products	Total gross income
							thousand dollars								
The State...	328,258	55,207	106,363	163,261	96,530	35,490	139,626	212,169	1,136,904	295,000	166,840	70,096	66,081	598,017	1,734,921
District 1...	61,186	7,803	90,369	41,717	26,446	29,663	88,300	162,879	507,869	35,717	75,395	62,338	31,428	204,878	712,747
Benton.....	3,753	456	7,014	2,478	562	638	4,686	8,675	28,262	1,957	3,715	206	1,316	7,194	35,456
Clackamas..	4,492	789	3,279	1,039	2,450	4,845	11,242	38,180	66,316	5,441	6,829	17,729	8,643	38,642	104,958
Lane.....	4,443	358	5,037	3,789	2,753	738	7,353	11,250	35,721	6,222	7,311	9,845	1,863	25,241	60,962
Linn.....	7,782	1,043	45,528	4,680	738	1,381	5,481	4,144	70,777	5,727	8,660	5,077	6,819	26,283	97,060
Marion.....	10,487	1,446	15,669	24,148	5,031	9,326	38,682	40,020	144,809	6,014	21,332	12,007	4,729	44,082	188,891
Multnomah..	545	76	96	335	143	3,531	6,980	21,290	32,996	1,002	1,595	11	601	3,209	36,205
Polk.....	9,858	715	5,422	3,159	3,717	721	1,941	5,155	30,688	2,577	5,077	5,272	1,591	14,517	45,205
Washington.	7,115	1,830	4,485	1,147	5,203	7,670	6,468	24,945	58,863	3,150	11,855	642	2,195	17,842	76,705
Yamhill....	12,711	1,090	3,839	442	5,849	813	5,473	9,220	39,437	3,627	9,021	11,549	3,671	27,868	67,305
District 2...	650	412	41	58	39	5,178	187	14,517	21,082	16,908	53,261	305	6,038	76,512	97,594
Clatsop....	---	62	---	---	---	74	5	1,000	1,141	1,289	2,011	9	1,872	5,181	6,322
Columbia...	650	126	41	37	20	1,221	92	2,800	4,987	3,150	2,933	9	462	6,554	11,541
Coos.....	---	93	---	---	14	3,447	10	4,977	8,541	4,868	11,382	266	1,342	17,858	26,399
Curry.....	---	18	---	---	5	351	---	2,990	3,364	1,623	876	5	993	3,497	6,861
Lincoln....	---	27	---	---	---	57	50	1,450	1,584	1,047	309	16	340	1,712	3,296
Tillamook..	---	86	---	21	---	28	30	1,300	1,465	4,931	35,750	---	1,079	41,710	43,175
District 3...	2,086	1,400	508	1,386	17,522	369	1,919	17,198	42,388	20,584	14,634	4,186	6,741	46,145	88,533
Douglas....	1,216	435	153	36	2,390	345	1,470	12,010	18,055	10,194	1,264	707	4,309	16,474	34,529
Jackson....	828	699	355	192	14,867	24	352	3,151	20,471	8,099	5,842	3,334	1,735	19,010	39,481
Josephine..	42	266	---	1,158	265	---	97	2,034	3,862	2,291	7,528	145	697	10,661	14,523
District 4..	206,173	12,216	1,070	55,576	50,733	264	11,553	4,770	342,355	47,060	1,661	2,411	9,318	60,450	402,805
Gilliam....	22,898	246	174	173	---	---	---	10	23,501	4,296	---	---	190	4,486	27,987
Hood River.	---	103	---	---	33,661	98	87	770	34,719	699	493	480	449	2,126	36,845
Morrow.....	43,876	6,151	---	35,084	99	---	137	610	85,957	8,517	428	---	1,385	10,330	96,287
Sherman....	29,164	48	---	40	16	---	---	---	29,268	1,731	---	1,922	138	3,791	33,059
Umatilla...	87,873	5,012	896	20,160	6,128	166	11,227	2,830	134,292	22,367	735	6	5,763	28,871	163,163
Wasco.....	21,913	601	---	---	10,829	---	102	400	33,845	5,823	---	3	1,089	6,915	40,760
Wheeler....	449	55	---	119	---	---	---	150	773	3,627	---	---	304	3,931	4,704
District 5...	36,795	6,516	8,460	33,619	1,521	16	37,238	6,190	129,925	81,232	14,784	26	4,640	100,682	230,607
Baker.....	2,911	1,073	50	154	22	---	---	2,160	6,370	17,659	2,380	3	832	20,874	27,244
Malheur....	15,379	3,753	3,052	31,963	224	16	37,211	100	91,698	47,728	11,680	11	1,475	60,894	152,592
Union.....	12,191	708	5,358	680	1,275	---	---	2,130	22,342	5,727	572	9	1,455	7,763	30,105
Wallowa....	5,884	982	---	822	---	---	27	1,800	9,515	10,118	152	3	878	11,151	20,666
District 6...	21,798	26,860	5,915	31,405	269	---	423	6,615	93,285	93,499	7,105	830	7,916	109,350	202,635
Crook.....	1,032	4,711	154	2,722	---	---	8	250	8,877	11,359	565	33	472	12,429	21,306
Deschutes..	622	1,690	113	1,196	---	---	---	950	4,571	4,023	2,225	21	1,719	7,988	12,559
Grant.....	285	827	---	338	269	---	---	1,260	2,979	9,268	---	41	1,804	11,113	14,092
Harney.....	1,163	2,544	36	126	---	---	---	10	3,879	18,605	---	---	501	19,106	23,195
Jefferson..	8,454	1,521	5,564	11,651	---	---	---	415	27,780	8,018	---	3	1,227	9,248	37,028
Klamath....	8,427	9,388	20	15,046	---	---	---	3,850	36,731	25,321	4,240	732	1,604	31,897	68,628
Lake.....	1,815	6,179	28	326	---	---	---	120	8,468	16,705	75	---	589	17,369	25,837

SOURCE: Compiled by Extension Economic Information Office, Oregon State University.

OREGON GROSS FARM SALES
Revised 1980 Estimates

District & County	Grains	Hay & silage	Grass & legume seeds	Field crops	Tree fruits & nuts	Small fruits & berries	All vegetable crops	Specialty products	All crops	Cattle & calves	Dairy products	Eggs & poultry	Misc. animals	All livestock & products	TOTAL GROSS INCOME
	thousand dollars														
THE STATE....	336,807	61,929	102,408	155,172	98,901	30,362	120,256	211,445	1,117,280	290,000	151,472	61,340	57,852	560,664	1,677,944
District 1...	77,641	9,195	84,856	37,144	30,681	25,953	82,424	166,628	514,522	36,732	69,137	55,396	28,319	189,584	704,106
Benton.....	4,904	564	6,697	2,386	762	441	4,840	11,300	31,894	2,097	3,183	213	1,100	6,593	38,487
Clackamas..	4,978	1,049	3,289	1,160	2,895	3,899	9,081	35,356	61,707	5,608	6,044	17,147	7,898	36,757	98,464
Lane.....	4,736	420	4,847	3,761	3,734	713	5,241	11,545	35,047	6,611	5,948	7,221	1,825	21,605	56,652
Linn.....	7,509	835	41,322	3,677	723	1,151	4,655	7,778	67,651	5,672	7,761	4,701	5,650	23,784	91,435
Marion.....	15,802	1,671	16,915	21,554	5,012	9,197	41,450	42,475	154,076	5,759	20,661	8,962	4,337	39,719	193,795
Multnomah..	627	140	77	414	148	2,425	6,037	19,876	29,744	1,008	1,479	75	537	3,099	32,843
Polk.....	14,658	958	5,038	2,918	3,018	596	1,550	5,000	33,736	2,417	4,805	4,463	1,428	13,113	46,849
Washington.	9,327	2,201	3,258	1,049	7,224	6,696	4,673	24,070	58,498	3,967	11,021	478	2,133	17,599	76,097
Yamhill....	15,050	1,357	3,413	225	7,165	835	4,896	9,228	42,169	3,533	8,235	12,136	3,411	27,315	69,484
District 2...	771	462	26	164	52	3,801	195	18,027	23,498	16,690	48,158	235	5,745	70,928	94,326
Clatsop....	---	53	---	---	---	54	10	1,990	2,107	1,228	1,762	8	1,987	4,985	7,092
Columbia...	771	156	26	143	33	931	95	3,710	5,865	2,966	2,654	7	481	6,108	11,973
Coos.....	---	114	---	---	14	2,479	10	4,272	6,889	4,718	10,506	210	1,172	16,606	23,495
Curry.....	---	28	---	---	5	249	---	2,730	3,012	1,525	806	5	810	3,146	6,158
Lincoln....	---	21	---	---	---	50	50	3,675	3,796	1,139	255	5	276	1,675	5,471
Tillamook..	---	90	---	21	---	38	30	1,650	1,829	5,114	32,175	---	1,019	38,308	40,137
District 3...	3,097	1,653	439	1,410	18,185	403	1,573	14,120	40,880	19,556	13,423	3,262	5,847	42,088	82,968
Douglas....	2,135	525	77	67	2,421	374	1,128	8,800	15,527	9,763	1,198	709	3,640	15,310	30,837
Jackson....	907	789	362	253	15,500	29	365	2,400	20,605	7,624	5,375	2,399	1,516	16,914	37,519
Josephine..	55	339	---	1,090	264	---	80	2,920	4,748	2,169	6,850	154	691	9,864	14,612
District 4...	192,107	15,231	1,405	49,463	48,306	191	11,587	7,420	325,710	43,709	1,283	1,676	8,038	54,706	380,416
Gilliam....	20,624	233	226	108	---	---	---	10	21,201	4,082	---	---	127	4,209	25,410
Hood River.	---	97	---	---	33,039	85	73	840	34,134	524	487	314	223	1,548	35,682
Morrow.....	41,214	9,014	72	29,361	62	---	---	3,020	82,743	6,911	379	---	1,170	8,460	91,203
Sherman....	29,676	66	---	121	20	---	---	---	29,883	1,788	---	1,354	165	3,307	33,190
Umatilla...	82,703	4,685	1,107	19,473	6,559	106	11,410	2,700	128,833	21,380	417	5	5,098	26,900	155,733
Wasco.....	17,293	1,045	---	272	8,626	---	104	600	27,940	5,808	---	3	979	6,790	34,730
Wheeler....	507	91	---	128	---	---	---	250	976	3,216	---	---	276	3,492	4,468
District 5...	40,521	9,388	9,276	32,115	1,478	14	23,769	1,885	118,446	77,855	12,943	20	4,463	95,281	213,727
Baker.....	3,407	1,721	41	104	22	---	---	510	5,805	16,364	2,339	3	709	19,415	25,220
Malheur....	17,828	5,494	4,187	30,332	195	14	23,441	150	81,641	45,034	9,725	7	1,481	56,247	137,988
Union.....	12,968	1,058	5,048	972	1,261	---	253	525	22,085	6,090	730	7	1,326	8,153	30,239
Wallowa....	6,318	1,115	---	707	---	---	75	700	8,915	10,367	149	3	947	11,466	20,381
District 6...	22 670	26,000	6,406	34,876	199	---	708	3,365	94,224	95,458	6,528	751	5,440	108,177	247,039
Crook.....	1,317	3,743	140	3,586	---	---	15	250	9,081	10,692	670	28	357	11,747	20,828
Deschutes..	754	1,589	145	1,432	---	---	---	630	4,550	4,079	1,863	40	1,373	7,355	11,905
Grant.....	174	832	---	215	199	---	---	1,250	2,670	9,763	---	16	322	10,101	12,771
Harney.....	1,406	3,533	40	---	---	---	---	10	4,989	13,018	---	---	465	18,483	23,472
Jefferson..	6,848	1,883	6,022	13,092	---	---	693	165	28,703	7,996	---	3	1,008	9,007	37,710
Klamath....	10,517	9,401	39	16,111	---	---	---	900	36,968	28,173	3,921	664	1,460	34,218	71,186
Lake.....	3,624	5,019	20	440	---	---	---	160	7,263	16,737	74	---	455	17,266	24,529

SOURCE: Compiled by Extension Economic Information Office, Oregon State University.

OREGON GROSS FARM SALES
Revised Estimates 1979

District & County	Grains	Hay & silage	Grass & legume seeds	Field crops	Tree fruits & nuts	Small fruits & berries	All vegetable crops	Specialty products	All crops	Cattle & calves	Dairy products	Eggs & poultry	Misc. animals	All livestock & products	TOTAL GROSS INCOME
	thousand dollars														
THE STATE....	234,587	48,167	94,164	118,673	105,757	36,453	93,728	172,807	906,336	360,000	133,327	61,432	53,975	608,734	1,515,070
District 1...	75,395	8,163	78,676	27,667	26,552	34,196	71,615	131,227	453,491	45,482	60,017	55,378	24,902	185,779	639,270
Benton.....	3,931	401	6,371	2,055	778	395	5,113	8,350	27,394	2,866	3,274	229	1,409	7,778	35,172
Clackamas..	4,212	1,042	2,950	711	1,605	6,510	7,604	27,130	51,764	7,062	6,076	19,185	5,053	37,376	89,140
Lane.....	5,951	426	4,342	3,581	3,105	851	5,658	11,850	35,764	7,992	5,298	6,847	1,811	21,948	57,712
Linn.....	7,385	753	35,496	3,638	840	1,556	5,506	3,860	59,034	7,732	7,247	4,173	5,299	24,451	83,485
Marion.....	14,966	1,497	16,304	14,000	3,639	11,191	33,521	29,585	124,703	7,163	15,538	8,233	4,090	35,024	159,727
Multnomah..	561	124	113	262	118	3,722	4,871	17,280	27,051	1,312	1,324	244	474	3,354	30,405
Polk.....	12,610	781	4,850	2,392	3,234	808	1,774	5,317	31,766	3,071	3,574	3,957	1,554	12,156	43,922
Washington.	11,562	2,092	5,123	930	6,543	8,013	3,191	21,250	58,704	3,946	10,625	900	2,053	17,524	76,228
Yamhill....	14,217	1,047	3,127	98	6,690	1,150	4,377	6,605	37,311	4,338	7,061	11,610	3,159	26,168	63,479
District 2...	430	446	45	228	71	3,605	262	17,459	22,546	21,663	43,202	307	5,560	70,732	93,278
Clatsop....	---	41	---	---	---	70	9	1,930	2,050	1,523	1,400	5	1,882	4,811	6,861
Columbia...	430	157	45	211	51	874	193	4,094	6,055	4,136	2,589	8	433	7,166	13,221
Coos.....	---	126	---	---	15	2,318	10	4,205	6,674	5,966	10,234	288	1,114	17,602	24,276
Curry.....	---	27	---	---	5	209	---	2,830	3,071	1,970	776	3	901	3,650	6,721
Lincoln....	---	24	---	---	---	96	30	2,500	2,650	1,510	235	2	237	1,984	4,634
Tillamook..	---	71	---	17	---	38	20	1,900	2,046	6,558	27,968	---	993	35,519	37,565
District 3...	2,429	1,644	371	1,376	18,349	503	1,451	13,675	39,798	23,935	11,171	3,135	6,087	44,328	84,126
Douglas....	1,683	610	58	69	1,430	452	1,093	8,950	14,345	12,333	967	666	4,085	18,051	32,396
Jackson....	704	671	313	412	16,675	51	268	1,737	20,831	9,080	4,808	2,211	1,426	17,525	38,356
Josephine..	42	363	---	895	244	---	90	2,988	4,622	2,522	5,396	258	576	8,752	13,374
District 4...	112,000	11,667	2,421	36,619	59,138	137	8,693	4,166	234,841	56,525	1,274	1,793	7,662	67,254	302,095
Gilliam....	10,547	244	222	189	---	---	---	10	11,212	5,549	---	---	162	5,711	16,923
Hood River.	---	122	---	---	39,246	82	54	520	40,024	635	524	348	125	1,632	41,656
Morrow.....	30,634	6,623	1,350	23,369	57	---	352	636	63,021	8,878	378	---	1,354	10,610	73,631
Sherman....	13,851	49	---	162	34	---	---	---	14,096	2,320	---	1,433	176	3,929	18,025
Umatilla...	45,463	3,290	849	12,622	6,082	55	8,191	2,300	78,852	27,542	372	9	4,648	32,571	111,423
Wasco.....	11,237	1,283	---	201	13,719	---	96	600	27,136	7,465	---	3	919	8,387	35,523
Wheeler....	268	56	---	76	---	---	---	100	500	4,136	---	---	278	4,414	4,914
District 5...	28,664	7,906	7,792	24,372	1,455	12	11,385	2,490	84,076	95,034	11,964	20	4,300	111,318	195,394
Baker.....	2,450	1,285	36	176	10	---	---	850	4,807	19,673	2,068	3	695	22,439	27,246
Malheur....	13,831	4,386	4,177	22,737	294	12	11,076	200	56,713	54,680	9,142	8	1,303	65,133	121,846
Union.....	8,802	874	3,579	710	1,151	---	259	600	15,975	7,566	614	6	1,376	9,562	25,537
Wallowa....	3,581	1,361	---	749	---	---	50	840	6,581	13,115	140	3	926	14,184	20,765
District 6...	15,669	18,341	4,859	28,411	192	---	322	3,790	71,584	117,361	5,699	799	5,464	129,323	200,907
Crook.....	1,136	1,328	28	3,256	---	---	15	200	5,963	11,231	554	20	334	12,139	18,102
Deschutes..	594	1,693	128	966	---	---	---	520	3,901	5,145	1,782	19	1,345	8,291	12,192
Grant.....	137	216	---	---	192	---	---	1,580	2,125	11,400	---	44	213	11,657	13,782
Harney.....	893	2,843	4	23	---	---	---	10	3,773	20,984	---	---	799	21,783	25,556
Jefferson..	4,183	1,538	4,645	12,043	---	---	307	120	22,836	9,483	---	3	924	10,410	33,246
Klamath....	7,152	7,881	44	11,725	---	---	---	1,200	28,002	37,327	3,290	713	1,460	42,790	70,792
Lake.....	1,574	2,842	10	398	---	---	---	160	4,984	21,791	73	---	389	22,253	27,237

SOURCE: Compiled by Extension Economic Information Office, Oregon State University.

September 1981

Oregon Timber Harvest Report
1983

Volume Removed in Thousands of Board Feet (Scribner log scale)[1/]

County	Forest Industry [2/]	Other Private [2/]	State [2/]	BLM [3/]	National Forests [4/]	Indian [5/]	Other Public [2/]	Total
Western Oregon								
Benton	37,969	9,552	5,710	20,850	11,292	0	0	85,373
Clackamas	24,922	12,000	0	28,361	236,760	930	640	303,613
Clatsop	130,858	6,166	90,716	0	0	0	35	227,775
Columbia	166,589	15,475	4,479	3,182	0	0	2,095	191,820
Coos	191,367	6,122	33,145	82,009	35,115	0	8,735	356,493
Curry	57,878	3,369	1,529	15,551	24,000	0	0	102,327
Douglas	677,539	36,411	2,297	217,103	318,592	0	0	1,251,942
Hood River	12,275	251	129	0	20,896	0	11,757	45,308
Jackson	118,726	6,117	11	96,652	173,613	0	208	395,327
Josephine	1,832	4,595	152	40,528	28,117	0	5,700	80,924
Lane	444,651	38,141	11,621	120,110	477,354	0	160	1,092,040
Lincoln	120,401	7,685	11,483	25,745	105,841	4,789	632	276,576
Linn	366,185	7,855	5,562	26,997	165,089	0	0	571,688
Marion	22,882	4,424	10,728	3,996	61,023	0	0	103,053
Multnomah	4,841	1,764	0	1,671	5,598	0	0	13,874
Polk	84,232	6,535	2,086	9,992	0	0	0	102,845
Tillamook	85,733	3,018	51,563	36,672	27,283	0	0	204,269
Washington	25,085	15,245	11,032	856	0	0	362	52,580
Yamhill	38,287	10,925	0	20,482	8,906	0	24	78,624
Total	2,612,252	195,650	242,243	750,760	1,699,479	5,719	30,348	5,536,451
Eastern Oregon								
Baker	2,095	3,222	0	0	74,481	0	454	80,252
Crook	8,771	2,755	0	1,899	67,051	0	0	80,476
Deschutes	9,089	369	0	0	123,356	0	0	132,814
Gilliam	0	0	0	0	0	0	0	0
Grant	5,661	4,503	1,481	2,101	172,599	0	0	186,345
Harney	0	1,405	0	0	50,854	0	0	52,259
Jefferson	4,798	0	0	3,046	41,352	41,935	0	91,131
Klamath	293,621	5,382	8,542	24,990	231,021	0	0	563,556
Lake	55,076	6,461	0	0	133,567	0	0	195,104
Malheur	0	97	0	0	0	0	0	97
Morrow	17,692	435	1,589	69	33,972	0	0	53,757
Sherman	0	0	0	0	0	0	0	0
Umatilla	29,857	11,212	1,930	732	43,843	535	0	88,109
Union	45,026	6,140	1,138	2,468	58,666	0	0	113,438
Wallowa	38,772	5,896	0	728	62,443	0	0	107,839
Wasco	762	1,883	0	0	94,796	63,606	308	161,355
Wheeler	894	3,910	0	1,988	14,213	0	0	21,005
Total	512,114	53,670	14,680	38,021	1,202,214	106,076	762	1,927,537
TOTAL OREGON	3,124,366	249,320	256,923	788,781	2,901,693	111,795	31,110	7,463,988

1/ Includes volume removed (softwood and hardwood) as logs, poles and pilings but not volume removed from woodcutting operations.

2/ Compiled by Oregon State Department of Revenue.

3/ Compiled by Bureau of Land Management. Volumes for Western Oregon are adjusted from short log to long log by a factor of 0.83.

4/ Compiled by United States Forest Service, Region 6.

5/ Compiled by U.S. Bureau of Indian Affairs.

OREGON STATE DEPARTMENT OF FORESTRY

Oregon Timber Harvest Report 1982

Volume Removed in Thousands of Board Feet (Scribner log scale)[1/]

County	Forest Industry [2/]	Other Private [2/]	State [2/]	BLM [3/]	National Forests [4/]	Indian [5/]	Other Public [2/]	Total
Western Oregon								
Benton	34,701	5,333	4,369	19,919	2,671	0	0	66,993
Clackamas	26,211	11,125	897	8,234	110,445	1,742	0	158,654
Clatsop	120,371	5,256	54,007	0	0	0	2	179,636
Columbia	135,777	22,072	192	1,337	0	0	945	160,323
Coos	248,975	8,637	36,406	30,135	8,538	0	12,098	344,789
Curry	44,261	11,573	359	2,608	23,563	0	0	82,364
Douglas	694,122	39,970	18,203	68,431	137,826	0	85	958,637
Hood River	5,504	487	0	0	17,850	0	1,312	25,153
Jackson	104,368	2,415	0	17,877	62,011	0	78	186,749
Josephine	3,290	1,857	108	13,044	17,760	0	1,587	37,646
Lane	488,718	21,449	6,632	82,282	347,781	0	14	946,876
Lincoln	108,020	6,270	1,795	14,157	41,167	20	49	171,478
Linn	402,688	5,533	12,517	22,116	113,174	0	0	556,028
Marion	27,546	2,753	6,217	4,256	28,780	0	0	69,552
Multnomah	6,534	1,892	38	0	7,101	0	0	15,565
Polk	87,628	6,733	3,292	2,420	0	0	0	100,073
Tillamook	83,161	1,780	18,173	6,427	24,937	0	0	134,478
Washington	19,675	10,646	3,997	324	0	0	0	34,642
Yamhill	37,663	4,168	0	6,296	7,153	0	825	56,105
Total	2,679,213	169,949	167,202	299,863	950,757	1,762	16,995	4,285,741
Eastern Oregon								
Baker	1,171	3,677	0	0	48,256	0	222	53,326
Crook	14,518	96	0	0	39,182	0	0	53,796
Deschutes	13,105	1,349	0	0	90,837	0	0	105,291
Gilliam	0	0	0	0	0	0	0	0
Grant	31,213	3,040	0	235	100,315	0	0	134,803
Harney	24,246	6	0	0	47,723	0	0	71,975
Jefferson	24,011	0	0	0	16,942	42,144	0	83,097
Klamath	244,874	4,177	7,222	9,991	85,822	0	0	352,086
Lake	62,748	258	0	0	107,000	0	0	170,006
Malheur	42	80	0	0	0	0	0	122
Morrow	21,808	8,075	0	0	55,464	0	0	85,347
Sherman	0	876	0	0	0	0	0	876
Umatilla	29,326	4,912	63	2,016	30,763	3,273	0	70,353
Union	41,857	8,535	75	0	17,567	0	0	68,034
Wallowa	32,580	8,659	0	0	31,954	0	0	73,193
Wasco	19	5,528	0	0	60,585	79,214	0	145,346
Wheeler	0	43	0	0	4,467	0	0	4,510
Total	541,518	49,311	7,360	12,242	736,877	124,631	222	1,472,161
TOTAL OREGON	3,220,731	219,260	174,562	312,105	1,687,634	126,393	17,217	5,757,902

1/ Includes volume removed (softwood and hardwood) as logs, poles and pilings but not volume removed from woodcutting operations.
2/ Compiled by Oregon State Department of Revenue.
3/ Compiled by Bureau of Land Management. Volumes for Western Oregon are adjusted from short log to long log by a factor of 0.83.
4/ Compiled by United States Forest Service, Region 6.
5/ Compiled by U.S. Bureau of Indian Affairs.

FOOTNOTES

1. Population Projections, Oregon and its Counties: 1980 to 2000, Portland State University, Center for Population Research and Census, June 1984, p. 13.

2. Statistical Abstract of the United States 1984, U.S. Department of Commerce, Bureau of the Census, December 1983, p. 145.

3. Occupational Employment Trends 1982-1990: Oregon, Oregon Department of Human Resources, Employment Division, July 1984, pp. 15-17.

4. Oregon Agricultural Statistics 1982/1983, U.S. Department of Agriculture, Statistical Reporting Service, November 1983, p. 5.

5. 1983 Oregon County and State Agricultural Estimates, Oregon State University Extension Service, Special Report No. 676, January 1984, p. 4.

6. 1982 Census of Agriculture - Oregon State and County Data, U.S. Department of Commerce, Bureau of the Census, April 1984, p. 1.

7. BEA Farm Income and Expenditures (microfiche), U.S. Department of Commerce, Bureau of Economic Analysis, April 1984.

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